

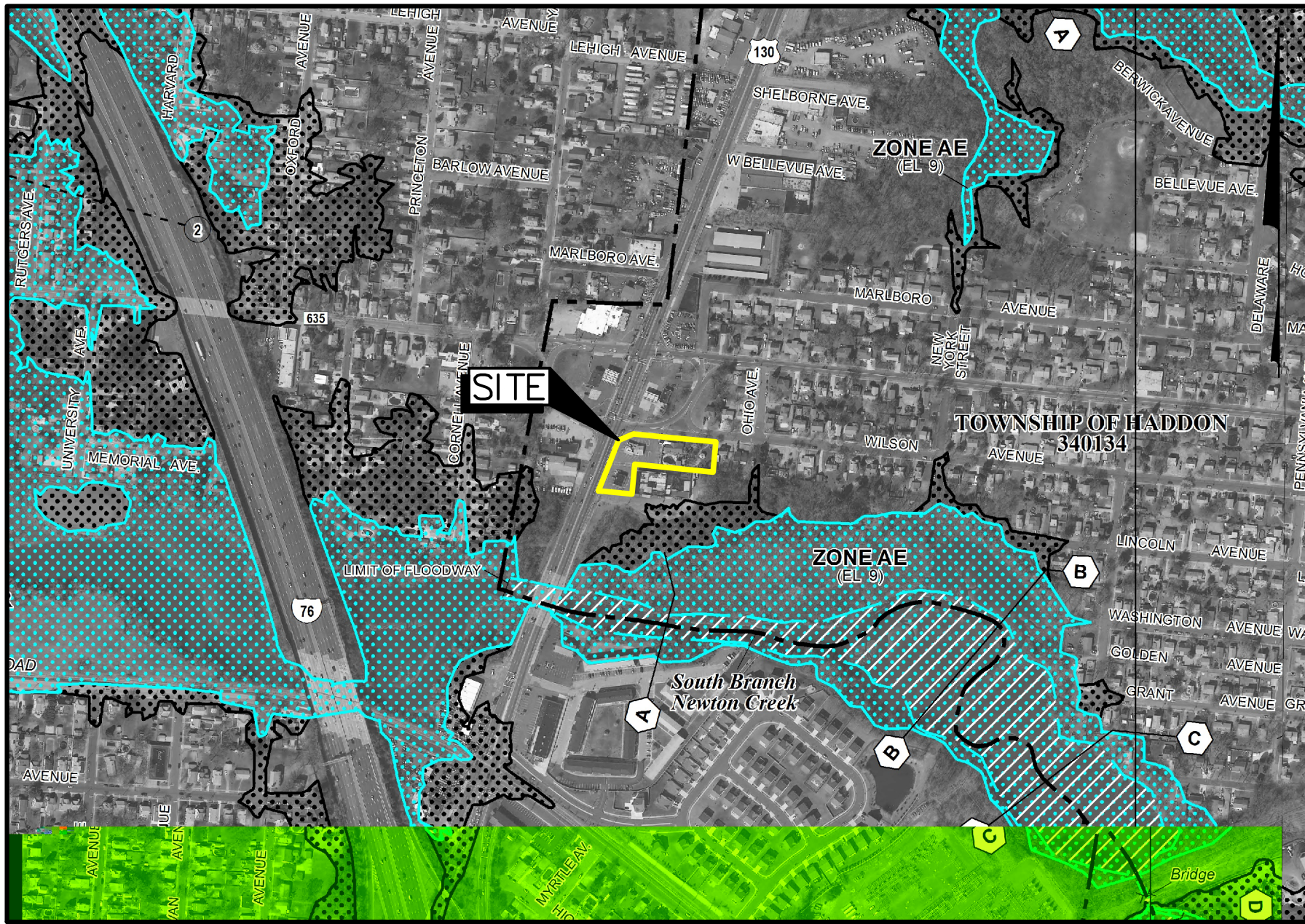
CANNABIS RETAIL DEVELOPMENT

BLOCK 5.08, LOTS 6, 14 & 14.01
HADDON TOWNSHIP, CAMDEN COUNTY, NEW JERSEY

PRELIMINARY AND FINAL SITE PLANS



AERIAL MAP
SCALE: 1" = 500'



FEMA FLOOD INSURANCE RATE MAP
SCALE: 1" = 500'

APPLICANT:

RBLJ PROPERTY HOLDINGS, LLC

50 W. BIG BEAVER ROAD
TROY, MICHIGAN 48084



MARATHON

Engineering & Environmental Services

3 Killdeer Court, Suite 302, Swedesboro, NJ 08085
1616 Pacific Avenue, Suite 501, Atlantic City, NJ 08401

APPLICANT

RBLJ PROPERTY HOLDINGS, LLC
50 W. BIG BEAVER ROAD
TROY, MICHIGAN 48084
248-648-0780

LOT OWNERS

LOT 6
DAVID SHMUKLER
51 WESMINSTER DRIVE
VOORHEES, NEW JERSEY 08043

LOT 14
BJD, LLC
51 WESMINSTER DRIVE
VOORHEES, NEW JERSEY 08043

LOT 14.01
BARRY WASSINGER
417 WILSON AVENUE
MOUNT EPHRAIM, NEW JERSEY 08059

APPLICANT'S INTENT

THE APPLICANT, RBLJ PROPERTY HOLDINGS, LLC SEEKS PRELIMINARY AND FINAL SITE PLAN APPROVAL TO DEVELOP A TWO STORY 5,946 S.F. (2,973 S.F. FOOTPRINT) CANNABIS RETAIL DEVELOPMENT WITH ASSOCIATED PARKING AREAS. THE PROJECT IS SITUATED ON BLOCK 5.08, LOTS 6, 14 & 14.01, BOUNDED BY WILSON AVENUE TO THE NORTH, CRESCENT BOULEVARD (U.S. ROUTE 130) TO THE WEST, LINCOLN AVENUE AND BLOCK 5.08, LOT 8 TO THE SOUTH, AND BLOCK 5.08, LOT 11 TO THE EAST, IN HADDON TOWNSHIP, CAMDEN COUNTY, NEW JERSEY.

TOWNSHIP of HADDON APPROVAL BLOCK

FINAL SITE PLAN APPROVAL GRANTED ON _____ BY THE TOWNSHIP OF HADDON PLANNING BOARD (OR ZONING BOARD OF ADJUSTMENT)

BOARD CHAIRPERSON _____ DATE _____

BOARD SECRETARY _____ DATE _____

I HEREBY CERTIFY THAT THE ENGINEERING CONDITIONS IMPOSED ON THIS APPLICATION FOR FINAL SITE PLAN APPROVAL HAVE BEEN MET.

TOWNSHIP ENGINEER _____ DATE _____

CAMDEN COUNTY PLANNING APPROVAL BLOCK

THIS SITE PLAN IS HEREBY APPROVED BY THE CAMDEN COUNTY PLANNING BOARD.

CHAIRPERSON _____ DATE _____

SECRETARY _____ DATE _____

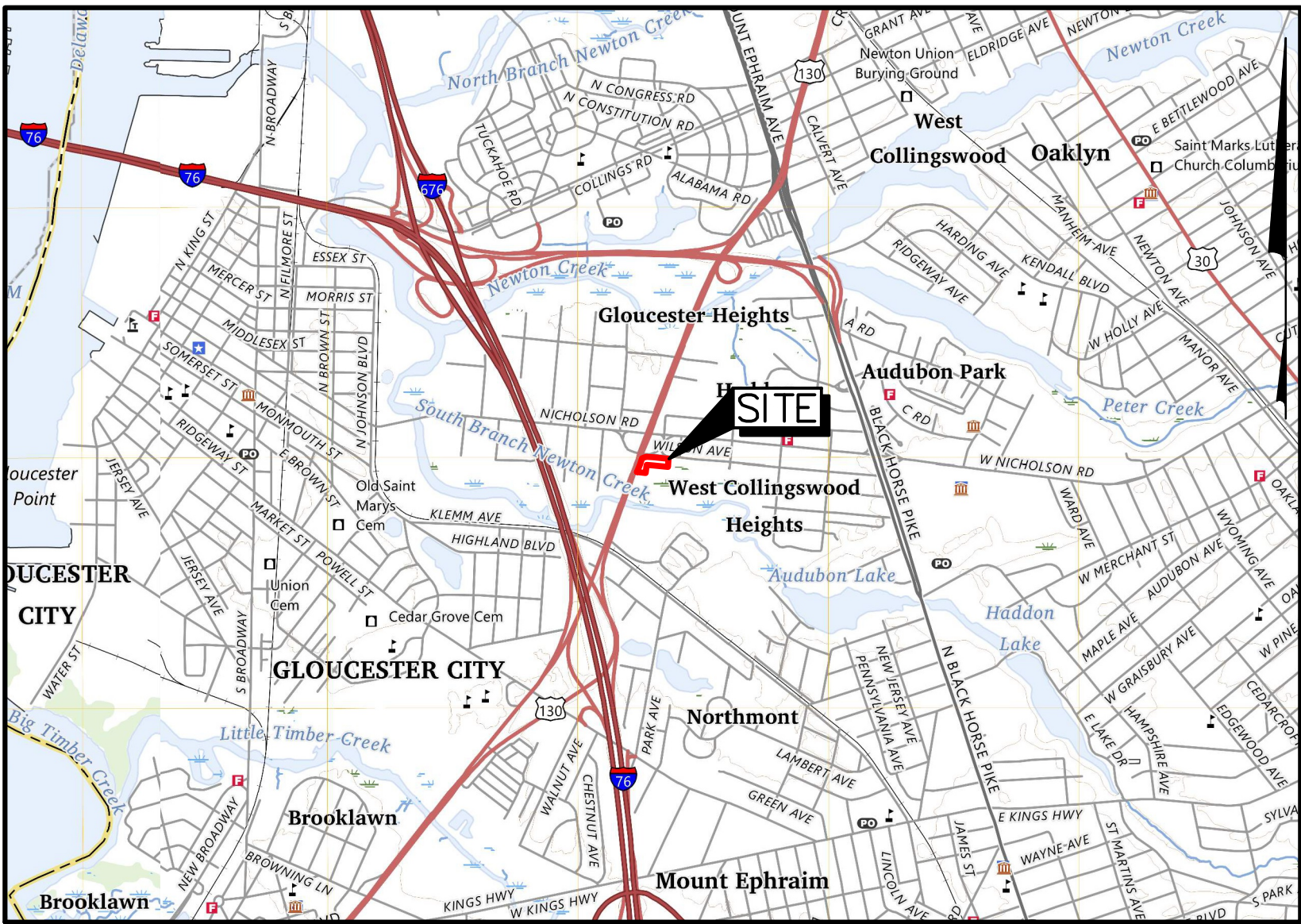
SHEET INDEX

SHEET NO.	DWG. NO.	SHEET TITLE
1 OF 13	C0001	COVER SHEET
2 OF 13	C0002	INFORMATION SHEET
3 OF 13	C1801	EXISTING CONDITIONS PLAN
4 OF 13	D0101	DEMOLITION PLAN
5 OF 13	C0101	SITE PLAN
6 OF 13	C0201	GRADING & UTILITY PLAN
7 OF 13	C0601	LANDSCAPE PLAN
8 OF 13	C0701	LIGHTING PLAN
9 OF 13	C0500	LANDSCAPE & LIGHTING DETAIL SHEET
10 OF 13	C1101	SITE DETAIL SHEET
11 OF 13	C1201	SOIL EROSION & SEDIMENT CONTROL PLAN
12 OF 13	C1202	SOIL COMPACTION PLAN
13 OF 13	C1301	SOIL EROSION & SEDIMENT CONTROL NARRATIVE SHEET

12/30/2024	1	INITIAL SUBMISSION	CGK	DJF
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.

CANNABIS RETAIL DEVELOPMENT BLOCK 5.08, LOTS 6, 14 & 14.01 HADDON TOWNSHIP, CAMDEN COUNTY, NEW JERSEY		 MARATHON Engineering & Environmental Services Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24GA27995700	
COVER SHEET			
RBLJ PROPERTY HOLDINGS, LLC 50 W. BIG BEAVER ROAD TROY, MICHIGAN 48084			
DAVID J. FLEMING, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 246033321600  12/30/2024 RBL 001.01		ALL DOCUMENTS PREPARED BY MARATHON ENGINEERING & ENVIRONMENTAL SERVICES, INC. (METS) ARE INSTRUMENTS OF SERVICE IN RESPECT TO THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER TO OTHERS OR EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY METS FOR THE PROJECT PURPOSES WITHIN 90 DAYS OF ISSUANCE OF THE METS AND SHALL REMAIN THE SOLE RESPONSIBILITY OF THE USER. METS SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES, LOSSES, AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.	
		SCALE AS NOTED BY CGK	APPROVED D.J.F. SHEET 1 OF 1 DRAWING NO. C0001

DATE: 05/23/2023
DRAWN BY: 811
CHECKED BY: 811
APPROVED BY: 811



U.S.G.S. CAMDEN QUAD LOCATION/KEY MAP
SCALE: 1" = 2,000'

A. GENERAL SITE NOTES

- TRACT FOR DEVELOPMENT CONSISTS OF BLOCK 5.08, LOTS 6, 14 & 14.01, OF THE OFFICIAL TAX MAP OF HADDON TOWNSHIP.
- TRACT FOR DEVELOPMENT IS ZONED I-1 (LIGHT INDUSTRIAL) AS INDICATED ON THE OFFICIAL ZONING MAP OF HADDON TOWNSHIP.
- TOTAL AREA OF TRACT = 1.12 ACRES OF LAND.
- ALL DIMENSIONS ARE SHOWN IN U.S. FEET.
- HORIZONTAL DATUM IS NEW JERSEY STATE PLANE COORDINATE SYSTEM NORTH AMERICAN DATUM OF 1983 (NAD 83).
- VERTICAL DATUM REFERS TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- BOUNDARY, TOPOGRAPHIC & PLANIMETRIC INFORMATION TAKEN FROM PLAN ENTITLED, "BOUNDARY AND TOPOGRAPHIC SURVEY" PREPARED BY PAULUS, SKOLOWSKI AND SARTOR, LLC., PROJECT NUMBER 2401.050, SHEET 1 OF 1, DATED APRIL 19, 2024, NO REVISIONS. THE PROPOSED DEVELOPMENT SHALL BE SERVED BY PUBLIC SEWER AND WATER.
- THE PROPOSED DEVELOPMENT SHALL COMPLY WITH THE CURRENT RECYCLING PROGRAM IN EFFECT IN HADDON TOWNSHIP.
- THE OWNER, OR HIS REPRESENTATIVE, SHALL DESIGNATE AN INDIVIDUAL RESPONSIBLE FOR CONSTRUCTION SITE SAFETY DURING THE COURSE OF SITE IMPROVEMENTS PURSUANT TO N.J.A.C. 5:23-2.21 (E) OF THE N.J. UNIFORM CONSTRUCTION CODE AND CFR 1926.32 (F) (OSHA COMPETENT PERSON).
- GRADING AROUND BUILDING AND FINISHED FLOOR ELEVATION IS SUBJECT TO CHANGE UPON REVIEW OF CONSTRUCTION PLANS OF PROPOSED BUILDING.
- TC DESIGNATIONS INDICATE TOP OF CURB ELEVATIONS AND BC DESIGNATIONS INDICATE BOTTOM OF CURB ELEVATIONS AT THE PAVED FINISHED GRADE.
- ALL BARRIER FREE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST A.D.A. AND N.J.D.O.T. STANDARDS.
- ANY VARIATIONS FROM THE PLANS MUST BE AUTHORIZED BY THE DESIGN ENGINEER AND APPROVED BY THE MUNICIPAL ENGINEER.
- THIS SET OF PLANS SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL EACH PLAN HAS BEEN HAS BEEN REVISED TO INDICATE "ISSUED FOR CONSTRUCTION".
- CONSTRUCTION DETAILS/SHOP DRAWINGS UTILIZED BY THE CONTRACTOR SHALL BE REVIEWED AND APPROVED BY THE MUNICIPAL ENGINEER.
- REFER TO COMPLETE SET OF PLANS FOR ADDITIONAL INFORMATION.
- THIS SET OF DRAWINGS AND ALL INFORMATION CONTAINED HEREIN IS AUTHORIZED FOR THE USE ONLY BY THE PARTY FOR WHOM THE WORK IS CONTRACTED OR WHOM IT IS CERTIFIED. THIS SET OF DRAWINGS MAY NOT BE COPIED, REUSED, DISCLOSED, DISTRIBUTED, OR RELIED UPON FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF MARATHON ENGINEERING & ENVIRONMENTAL SERVICES, INC.
- ANY DEMOLITION MATERIAL SHALL BE PROPERLY DISPOSED OF AND NO ON-SITE BURIAL IS PERMITTED.
- THE DEVELOPER AND/OR CONTRACTOR SHALL OBTAIN A STREET OPENING/ACCESS PERMIT FROM CAMDEN COUNTY PRIOR TO THE START OF CONSTRUCTION.
- PRIOR TO ANY WORK BEING PERFORMED THE HADDON TOWNSHIP POLICE DEPARTMENT SHALL BE CONTACTED REGARDING PROVISIONS FOR ANY TRAFFIC CONTROL MEASURES THAT MAY NEED TO BE IMPLEMENTED DURING CONSTRUCTION.
- A TRUSS IDENTIFYING EMBLEM SHALL BE INSTALLED TO THE LEFT OF THE MAIN DOOR AT A HEIGHT OF 4 TO 6 FEET ABOVE THE GROUND, IF REQUIRED.
- MAXIMUM OF 3 TO 1 SLOPES ARE ALLOWABLE IN GRASSSED AREAS.

C. FLOOD DATA NOTES

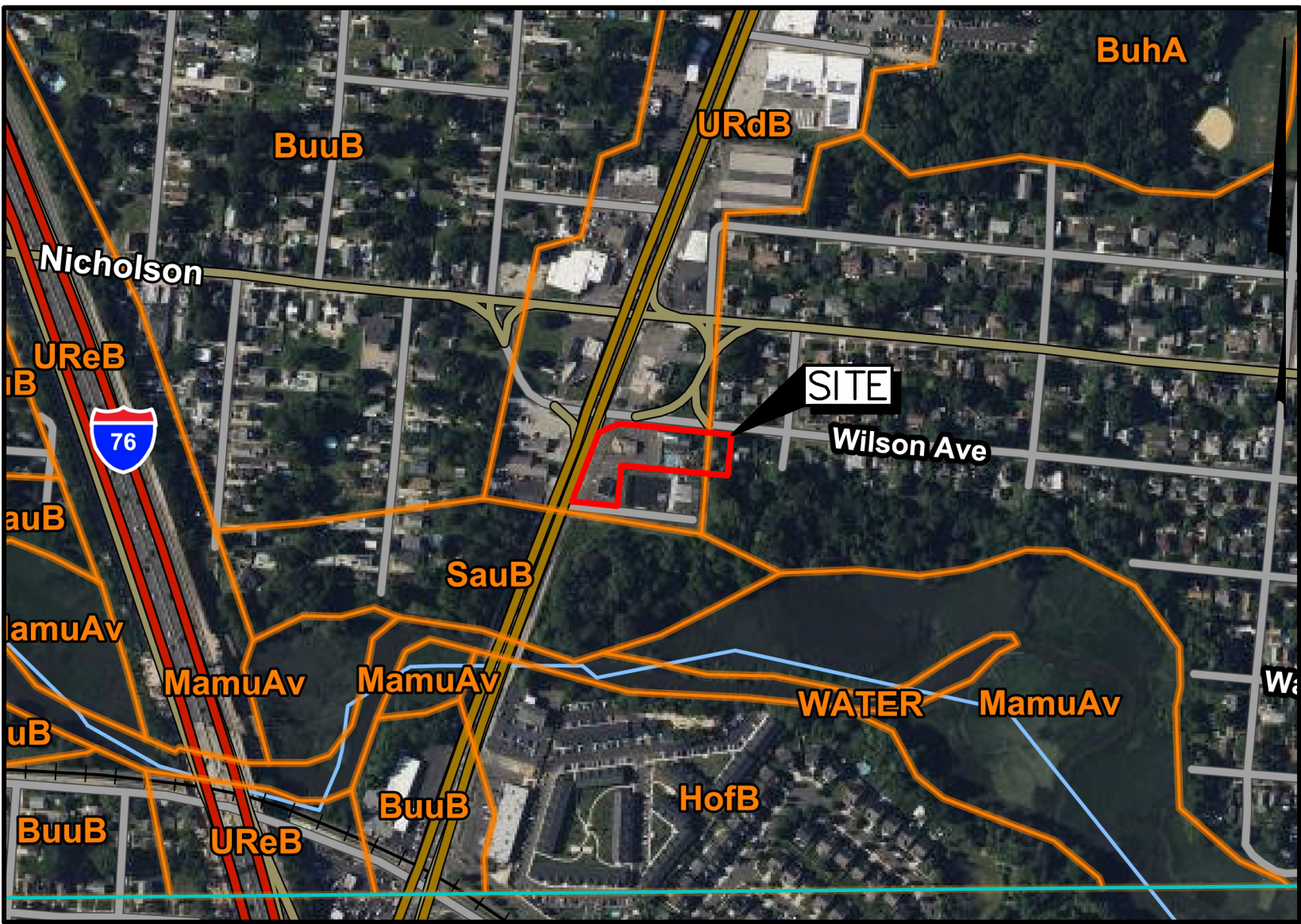
- THE SITE IS NOT LOCATED IN A FLOOD ZONE AS MAPPED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP FOR HADDON TOWNSHIP, CAMDEN COUNTY, NEW JERSEY, COMMUNITY PANEL NUMBER 34007C0038F, EFFECTIVE AUGUST 17, 2016.
- NONE OF THIS SITE LIES IN A FLOOD HAZARD AREA. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND USE REGULATION AT (609) 292-0060 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ON-SITE.

D. CONTRACTOR/OWNER RESPONSIBILITY NOTES

- THE CONTRACTOR/OWNER SHALL DESIGNATE A PERSON THAT IS KNOWLEDGEABLE OF CONSTRUCTION SAFETY STANDARDS AND IS EXPECTED TO BE AT THE CONSTRUCTION SITE ON A REGULAR BASIS. THIS PERSON SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION, DISCHARGE, AND MONITORING OF SAFETY STANDARDS AND PRACTICES AT THE SITE. THE CONTRACTOR/OWNER SHALL PROVIDE DESIGN ENGINEER WITH NAME, ADDRESS AND TELEPHONE NUMBER OF DESIGNEE. IN LIEU OF THIS INFORMATION, THE REPRESENTATIVE PERSON FROM THE CONTRACTOR'S ORGANIZATION WHO SIGNED THE CONTRACT SHALL HEREBY BE RESPONSIBLE FOR THIS FUNCTION.
- THE CONTRACTOR SHALL SCHEDULE ALL CONSTRUCTION TO BE IN ACCORDANCE WITH CURRENT O.S.H.A. STANDARDS.
- THE SITE CONTRACTOR SHALL VERIFY WITH DESIGN ENGINEER WHAT PERMITS AND APPROVALS ARE PENDING OR HAVE BEEN APPROVED.
- THE SITE CONTRACTOR SHALL VERIFY AND MATCH HORIZONTAL AND VERTICAL ELEVATIONS.
- THE CONTRACTOR SHALL PERFORM ALL WORK IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, AND MANUFACTURERS' RECOMMENDATIONS AND STANDARDS.
- ALL DIMENSIONS AND EXISTING CONDITIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
- ALL UNDERGROUND UTILITIES LOCATIONS ARE APPROXIMATE AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY IN FIELD ALL CONDITIONS AS SHOWN ON THE PLANS AND SHALL BE RESPONSIBLE FOR FIELD MEASUREMENTS FOR ALL NEW CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR ANY INFORMATION NOT SHOWN HERE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING, UNDERPINNING AND STRUCTURAL STABILITY DURING CONSTRUCTION.
- THE CONTRACTOR SHALL CALL 1-800-272-1000 FOR FIELD LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- IN THE EVENT CONDITIONS AT THE SITE ARE NOTICEABLY DIFFERENT (AT THE TIME OF CONSTRUCTION) FROM THE DOCUMENTS PROVIDED, THE CONTRACTOR AND/OR OWNER SHALL NOTIFY THE DESIGN ENGINEER.
- THE PROPOSED SITE GRADING DEPICTED IN THESE PLANS IS INTENDED TO PROVIDE A GENERAL GUIDE FOR GRADING. THE GENERAL CONTRACTOR, CONSTRUCTION MANAGER OR OWNER SHALL INSTRUCT THE CONCRETE CONTRACTOR TO TAKE CARE IN SETTING FORMS FOR PEDESTRIAN AREAS TO INSURE THAT THEY CONFORM TO THE NEW JERSEY BARRIER FREE SUBCODE.
- THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS OF APPROVAL IMPOSED BY ALL REGULATORY AGENCIES HAVING JURISDICTION AS IT RELATES TO THE CONSTRUCTION AND MAINTENANCE OF THE IMPROVEMENTS.
- CONTRACTOR DAMAGE TO ANY EXISTING FEATURE SUCH AS, BUT NOT LIMITED TO, UTILITIES, CONCRETE CURBS, CONCRETE WALKS, PAVING, LIGHTS, PLANTERS, SIGNS OR BUILDINGS NOT SCHEDULED FOR REMOVAL SHALL BE RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR.
- THE OWNER, OR HIS REPRESENTATIVE, IS TO DESIGNATE AN INDIVIDUAL RESPONSIBLE FOR CONSTRUCTION SITE SAFETY DURING THE COURSE OF SITE IMPROVEMENTS PURSUANT TO N.J.A.C. 5:23-2.21 (E) OF THE N.J. UNIFORM CONSTRUCTION CODE AND CFR 1926.32 (F) (OSHA COMPETENT PERSON).
- FIRE LANE SHALL BE 20 FEET WIDE AND SHALL BE MARKED WITH SIGNAGE AS SHOWN ON SITE PLAN.
- PER N.J.A.C. 5:70-505.1, AN APPROVED ADDRESS SHALL BE ASSIGNED TO THE SITE AND DISPLAYED ON THE STREET SIDE OF THE PROJECT DURING CONSTRUCTION FOR EMERGENCY RESPONDERS.
- SITE ADDRESS SHALL BE DISPLAYED PRIOR TO START OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- KNOX BOX SHALL BE LOCATED ADJACENT TO SPRINKLER/PUMP ROOM EXTERIOR DOOR.
- THE CONTRACTOR/OWNER SHALL INSTALL A BI-DIRECTIONAL AMPLIFIER (BDA) ON-SITE IN ACCORDANCE WITH MUNICIPAL FIRE AND POLICE RADIO STANDARDS TO INSURE THE SAFETY OF FIRST RESPONDERS.
- ROOF-MOUNTED EQUIPMENT WILL BE LOCATED AS CLOSE TO THE CENTER AS PRACTICABLE SO THAT THE EQUIPMENT IS NOT VISIBLE.
- DROP ARM GATES TO HAVE AN ELECTRIC KNOX KEY ENTRY SYSTEM INSTALLED ON EACH GATE.
- NO WORK IS TO START UNTIL A PRE-CONSTRUCTION CONFERENCE IS HELD. THE PRE-CONSTRUCTION CONFERENCE SHALL BE SCHEDULED WITH THE MUNICIPAL ENGINEER'S OFFICE A MINIMUM OF THREE WORKING DAYS PRIOR TO THE START OF WORK.

E. ROADWAY & SIGNAGE NOTES

- ALL CONSTRUCTION UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NEW JERSEY DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AS AMENDED.
- ALL ROADWAY DESIGN AND CONSTRUCTION FOR MUNICIPAL ROADS SHALL BE IN ACCORDANCE WITH STANDARDS SET FORTH BY HADDON TOWNSHIP AND THE NEW JERSEY ROADS STANDARDS.
- ALL ROADWAY DESIGNS AND CONSTRUCTION WITHIN THE LEGAL R.O.W. LIMITS OF CRESCENT BOULEVARD BE IN ACCORDANCE WITH STANDARDS SET FORTH BY N.J.D.O.T.
- ALL TRAFFIC SIGN PLACEMENT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, U.S. DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AS AMENDED. ALL SIGNS SHALL BE MOUNTED ON BREAKAWAY SIGN POSTS AS DETAILED AND APPROVED BY NJDOT.
- THE APPLICANT SHALL NOTIFY THE MUNICIPAL ENGINEER A MINIMUM OF 24 HOURS PRIOR TO THE START OF ANY ROAD CONSTRUCTION.
- ALL ROADWAY SUBGRADES SHALL BE TESTED IN ACCORDANCE WITH THE ORDINANCE. ANY DEFICIENCIES SHALL BE CORRECTED TO THE



N.R.C.S. U.S. DEPARTMENT OF AGRICULTURE SOILS MAP
SCALE: 1" = 400'

F. UTILITY NOTES

- ALL PROPOSED UTILITIES SHALL BE INSTALLED UNDERGROUND.
- STORMWATER WATERWAYS SHALL BE IN ACCORDANCE WITH STANDARDS SET FORTH BY HADDON TOWNSHIP, AND THE STATE OF NEW JERSEY B.M.P. MANUAL AND NJAC 7:8.
- ALL SANITARY SEWER SERVICE AND MAINS SHALL BE IN ACCORDANCE WITH RULES AND REGULATIONS OF THE HADDON TOWNSHIP MUNICIPAL UTILITIES AUTHORITY.
- ALL WATER MAIN DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH RULES AND REGULATIONS OF NEW JERSEY AMERICAN WATER.
- ALL FIRE HYDRANTS SHALL BE INSTALLED AS INDICATED ON THE SITE PLANS. EACH FIRE HYDRANT LOCATION SHALL BE APPROVED BY THE FIRE MARSHAL. FIRE HYDRANTS SHALL BE MUELLER-CENTURION MODEL A-423 OR APPROVED EQUAL.
- GAS, ELECTRIC, AND COMMUNICATION SERVICE AND WATER SERVICE SHALL BE INSTALLED UNDERGROUND THROUGHOUT THE DEVELOPMENT IN ACCORDANCE WITH REGULATIONS OF THE LOCAL UTILITY COMPANIES AND HADDON TOWNSHIP.
- ALL MATERIALS, METHODS AND DETAILS OF IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE REGULATIONS OF HADDON TOWNSHIP, CAMDEN COUNTY AND/OR THE APPROPRIATE UTILITY COMPANY, WHICHEVER REGULATION TAKES PRECEDENCE.
- WHERE IT IS NECESSARY TO CONNECT TO EXISTING UTILITIES WITHIN EXISTING ROADWAYS, THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SAW CUTTING, FOR WATER AND SEWER SERVICE, TRENCHING, BACKFILL, COMPACTION AND PAVING SHALL BE IN ACCORDANCE WITH HADDON TOWNSHIP AND CAMDEN COUNTY SPECIFICATIONS, AS APPLICABLE.
- EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN IS FURNISHED BY THE UTILITY COMPANIES OR SURVEY PLAN BY SURVEYOR AND THE ACCURACY THEREOF IS NOT THE RESPONSIBILITY OF MARATHON ENGINEERING & ENVIRONMENTAL SERVICES, INC. IT IS THE RESPONSIBILITY OF OWNER AND/OR CONTRACTOR TO CALL 1-800-272-1000 FOR FIELD LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- PVC SEWER PIPE SHALL HAVE BELL AND SPIGOT ENDS AND 0-RING RUBBER GASKETED JOINTS. PVC PIPE AND FITTINGS SHALL CONFORM TO ASTM D3034, WITH A MINIMUM WALL THICKNESS DESIGNATION OF SCHEDULE 40 AS INDICATED ON THE PLANS FOR 6" SANITARY SEWER LATERAL. FORCE MAIN TO BE SDR21.
- THE PLASTIC MATERIAL FROM WHICH THE PIPES AND FITTINGS ARE EXTRUDED SHALL BE IMPACT TYPES OF PVC, UNPLASTICIZED, HAVING A CELL CLASSIFICATION OF 12454 OR 12364 AS DEFINED IN ASTM D1784.
- PIPE SHALL BE FREE FROM DEFECTS, SUCH AS BUBBLES OR OTHER IMPERFECTIONS, IN ACCORDANCE WITH ACCEPTED COMMERCIAL PRACTICE. TEST RESULTS DEMONSTRATING THAT THE PIPE MEETS ASTM D2444 FOR IMPACT AND ASTM D2321 FOR DEFLECTION AND PIPE STIFFNESS SHALL BE PROVIDED WHEN REQUESTED BY THE UTILITY AUTHORITY.
- JOINTS SHALL CONFORM TO ASTM D3312. RUBBER RING GASKETS SHALL CONFORM TO ASTM F477. THE GASKET SHALL BE THE SOLE ELEMENT DEPENDENT UPON TO MAKE THE JOINT WATER TIGHT.
- THE PIPE SHALL BE INSTALLED AS SPECIFIED IN ASTM D2321. BEDDING AND HAUNCHING (TO THE SPRINGLINE) SHALL BE 3/4" CLEAN STONE. SELECT BACKFILL, TO A HEIGHT OF TWO (2) FEET ABOVE SPRINGLINE SHALL BE CLASS II OR CLASS III BACKFILL AS DEFINED IN ASTM D2321 AND SHALL BE TAMPED IN 6" LAYERS. PIPE SHALL BE INSTALLED WITH A MINIMUM COVER OF 48". THE 6" SEWER LATERAL SHALL HAVE 1.0% MINIMUM SLOPE.
- APPLICANT SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH MUA AND AUTHORITY'S ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- IF THE BUILDING BECOMES A MULTI-TENANT STRUCTURE, THEN MULTIPLE SAMPLING MANHOLES MAY BE REQUIRED.

G. SOILS DATA NOTES

- ALL SOIL EROSION AND SEDIMENT CONTROL IMPLEMENTATION SHALL BE IN ACCORDANCE WITH STANDARDS SET FORTH BY THE SOIL CONSERVATION DISTRICT.

H. PLACEMENT OF FILL MATERIAL

- THE MATERIAL PLACED IN THE FILL AREAS SHALL BE FREE OF DETRIMENTAL AMOUNTS OF SOD, ROOTS, FROZEN SOIL, STONES MORE THAN SIX INCHES IN DIAMETER (EXCEPT ROCK FILLS), AND OTHER OBJECTIONABLE MATERIAL.
 - DRAIN FILL SHALL BE KEPT FROM BEING CONTAMINATED BY ADJACENT SOIL MATERIALS DURING PLACEMENT BY EITHER PLACING IT IN A CLEANLY EXCAVATED TRENCH, OR BY KEEPING THE DRAIN AT LEAST ONE FOOT ABOVE THE ADJACENT EARTH FILL.
 - SELECTED DRAIN FILL AND BACKFILL MATERIAL SHALL BE PLACED AROUND STRUCTURES, PIPE CONDUITS, AND ANTI-SEEP COLLARS AT ABOUT THE SAME RATE ON ALL SIDES TO PREVENT DAMAGE FROM UNEQUAL LOADING. FILL MATERIAL SHALL BE PLACED AND SPREAD BEGINNING AT THE LOWEST POINT IN THE FOUNDATION, AND THEN BRINGING IT UP IN CONTINUOUS HORIZONTAL LAYERS THICK ENOUGH THAT THE REQUIRED COMPACTION CAN BE OBTAINED. THE FILL SHALL BE CONSTRUCTED IN CONTINUOUS LAYERS. IF OPENINGS OR SECTIONALIZED FILLS ARE REQUIRED, THE SLOPE OF THE BONDING SURFACES BETWEEN THE EMBANKMENT IN PLACE AND THE EMBANKMENT TO BE PLACED SHALL NOT BE STEEPER THAN THE RATIO OF THREE HORIZONTAL TO ONE VERTICAL. THE BONDING SURFACE SHALL BE TREATED THE SAME AS THAT SPECIFIED FOR THE FOUNDATION TO ENSURE A GOOD BOND WITH THE NEW FILL.
 - THE DISTRIBUTION AND GRADATION OF MATERIALS SHALL BE SUCH THAT NO LENSES, POCKETS, STREAKS, OR LAYERS OF MATERIAL SHALL DIFFER SUBSTANTIALLY IN TEXTURE OF GRADATION FROM THE SURROUNDING MATERIAL. IF IT IS NECESSARY TO USE MATERIALS OF VARYING TEXTURE AND GRADATION, THE MORE IMPERVIOUS MATERIAL SHALL BE PLACED IN THE CENTER AND UPSTREAM PARTS OF THE FILL. IF ZONED FILLS OF SUBSTANTIALLY DIFFERING MATERIALS ARE SPECIFIED, THE ZONES SHALL BE PLACED ACCORDING TO LINES AND GRADES SHOWN ON THE DRAWINGS. THE COMPLETE WORK SHALL CONFORM TO THE LINES, GRADES, AND ELEVATIONS SHOWN IN THE DRAWINGS OR AS STAKED IN THE FIELD.
 - THE MOISTURE CONTENT OF THE FILL MATERIAL SHALL BE ADEQUATE FOR OBTAINING THE REQUIRED COMPACTION. MATERIAL THAT IS TOO WET SHALL BE DRIED TO MEET THIS REQUIREMENT, AND MATERIAL THAT IS TOO DRY SHALL BE WETTED AND MIXED UNTIL THE REQUIREMENT IS MET. CONSTRUCTION EQUIPMENT SHALL BE OPERATED OVER EACH LAYER OF FILL TO ENSURE THAT THE REQUIRED COMPACTION IS OBTAINED. SPECIAL EQUIPMENT SHALL BE USED IF NEEDED TO OBTAIN THE REQUIRED COMPACTION. IF A MINIMUM REQUIRED DENSITY IS SPECIFIED, EACH LAYER OF FILL SHALL BE COMPACTED AS NECESSARY TO OBTAIN THAT DENSITY.
 - FILL ADJACENT TO STRUCTURES, PIPE CONDUITS, AND DRAIN FILL OR ANTI-SEEP COLLARS SHALL BE COMPACTED TO A DENSITY EQUIVALENT TO THAT OF THE SURROUNDING FILL BY HAND TAMPING, OR BY USING MANUALLY DIRECTED POWER TAMPERS OR PLATE VIBRATORS. FILL ADJACENT TO CONCRETE STRUCTURES SHALL NOT BE COMPACTED UNTIL THE CONCRETE HAS HAD TIME TO GAIN ENOUGH STRENGTH TO SUPPORT THE LOAD.



OFFICIAL ZONING MAP OF CARNEYS POINT TOWNSHIP
SCALE: 1" = 150'

ZONING SCHEDULE					
ORDINANCE SECTION	ZONE I-1	PERMITTED OR REQUIRED	EXISTING CONDITIONS	PROPOSED IMPROVEMENTS	CONFORMITY STATUS
§142-38(1)	USE	CANNABIS MICROBUSINESS	VACANT	CANNABIS MICROBUSINESS	CONFORMS
§142-37.4(4)	MINIMUM LOT AREA	11,000 S.F.	± 1,121 AC.	± 1,121 AC.	CONFORMS
§142-37.4(4)	MINIMUM LOT WIDTH	100 FT	> 100 FT	> 100 FT	CONFORMS
§142-37.4(4)	MINIMUM LOT DEPTH	100 FT	> 100 FT	> 100 FT	CONFORMS
§142-37.4(4)	MINIMUM FRONT YARD	25 FT	19.5 FT	20 FT	DOES NOT CONFORM*
§142-37.4(4)	MINIMUM SIDE YARD	20 FT	62.6 FT	257 FT	CONFORMS
§142-37.4(4)	MINIMUM REAR YARD	20 FT	32.5 FT	30 FT	CONFORMS
§142-38(1)	MAXIMUM BUILDING FOOTPRINT	2,500 S.F.	±1,890 S.F.	2,973 S.F.	DOES NOT CONFORM
§142-37.4(4)	MAXIMUM BUILDING HEIGHT	35 FT	< 35FT	< 35 FT	CONFORMS
§142-37.4(4)	MAXIMUM BUILDING COVERAGE	40%	12.4%	6.1%	CONFORMS
§142-39A.3(c)	PARKING COVERAGE	35%	47.6%	38.4%	DOES NOT CONFORM*

- NOTES:
- THE DESIGN CRITERIA AND BULK/AREA REQUIREMENTS FOR THIS PROJECT ARE TAKEN FROM THE CODE OF THE TOWNSHIP OF HADDON, LAND USE ORDINANCE ADOPTED 05/23/2023.
 - CANNABIS MICROBUSINESS PERMITTED AS CONDITIONAL USE PER TOWNSHIP OF HADDON ORDINANCE #1452.
- * - EXISTING CONDITION NON-CONFORMING

PARKING REQUIREMENTS			
ORDINANCE SECTION	PERMITTED OR REQUIRED	PROPOSED IMPROVEMENTS	CONFORMITY STATUS
§142-38(1)	OFF-STREET PARKING REQUIREMENTS		
	BUILDING GROSS FLOOR AREA	5,946 S.F.	
	5.5 SPACE PER 1,000 S.F.	32.70	
	1 SPACE PER EMPLOYEE (10 MAXIMUM)	10	
	TOTAL SPACES REQUIRED	43	
	TOTAL SPACES PROPOSED	44 SPACES	CONFORMS

PUBLIC UTILITIES

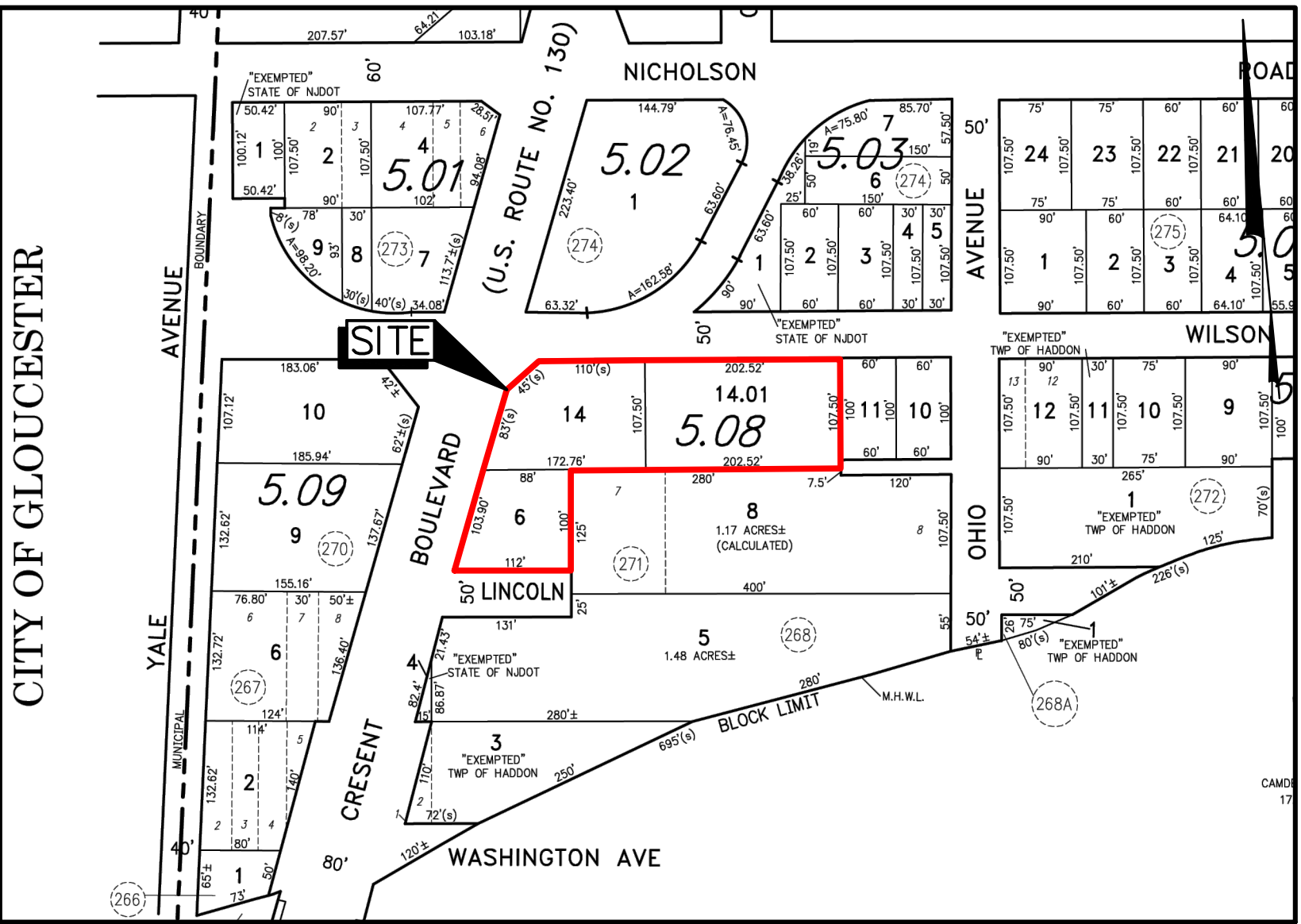
TOWNSHIP OF HADDON WATER & SEWER 135 HADDON AVENUE HADDON TOWNSHIP, NJ 08108	PUBLIC SERVICE GAS & ELECTRIC 535 W. NICHOLSON ROAD AUDUBON, NJ 08106
COMCAST CABLE TELEVISION 941 HADDONFIELD ROAD CHERRY HILL, NJ 08002	CAMDEN COUNTY M.U.A. 1645 FERRY AVENUE CAMDEN, NJ 08104

VERIZON
PO BOX 152206 PROPERTY TAX
IRVING, TEXAS 75015

SOILS DATA		
URdB	URBAN LAND, SANDY SUBSTRATUM	0-5% SLOPE
BuuB	BUDDTOWN-URBAN LAND COMPLEX	0-5% SLOPE

SOILS OBTAINED FROM NATURAL RESOURCES CONSERVATION SERVICES (NRCS) U.S. DEPARTMENT OF AGRICULTURE.

ALL SOIL EROSION AND SEDIMENT CONTROL IMPLEMENTATION SHALL BE IN ACCORDANCE WITH STANDARDS SET FORTH BY THE SOIL CONSERVATION DISTRICT.



OFFICIAL TAX MAP OF HADDON TOWNSHIP (TAX SHEET 5)
SCALE: 1" = 400'

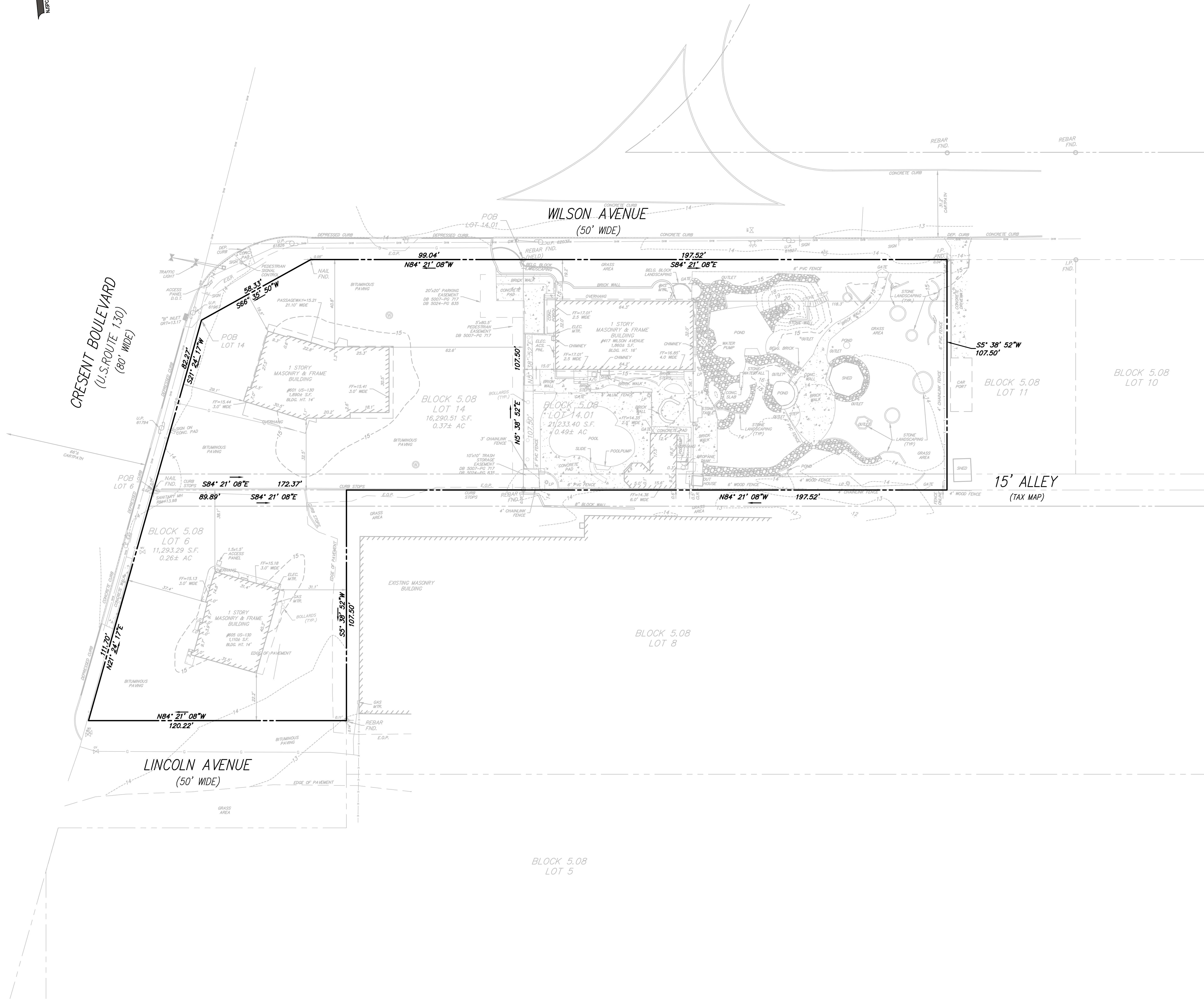
HADDON TOWNSHIP CERTIFIED OWNER'S LIST WITHIN 200'

BLK	LOT	QUAL.	LOCATION	PROPERTY CLASS	OWNER NAME	ADDRESS	CITY/STATE	ZIP
5.01	7		US HIGHWAY #130 SOUTH 8	1	CURRENT OWNER	145 S BROADWAY	GLOUCESTER CITY, NJ	08030
5.02	1		501 NICHOLSON ROAD	4A	CURRENT OWNER	103 CARNEGIE CTR #345	PRINCETON, NJ	08540
5.03	1		WILSON AVENUE	15C	CURRENT OWNER	1035 PARKWAY AVENUE	EWING, NJ	08618
5.03	2		406 WILSON AVENUE	2	CURRENT OWNER	406 WILSON AVENUE	W. COLLINGSWOOD HEIGHTS, NJ	08059
5.03	3		404 WILSON AVENUE	2	CURRENT OWNER	404 WILSON AVENUE	W. COLLINGSWOOD HEIGHTS, NJ	08059
5.03	5		400 WILSON AVENUE	2	CURRENT OWNER	400 WILSON AVENUE	W. COLLINGSWOOD HEIGHTS, NJ	08059
5.04	1		336 WILSON AVENUE	2	CURRENT OWNER	336 WILSON AVENUE	W. COLLINGSWOOD HEIGHTS, NJ	08059
5.07	1		LINCOLN AVENUE	15C	CURRENT OWNER	135 HADDON AVENUE	WESTMONT, NJ	08108
5.07	13		335 WILSON AVE 12	2	CURRENT OWNER	335 WILSON AVENUE	W. COLLINGSWOOD HEIGHTS, NJ	08059
5.08	5		US HIGHWAY #130	1	CURRENT OWNER	PO BOX 412	WILLINGBORO, NJ	08046
5.08	6		605 US HIGHWAY #130 NORTH	4A	CURRENT OWNER	51 WESTMINSTER DRIVE	VOORHEES, NJ	08043
5.08	8		400 LINCOLN AVENUE 7	4B	CURRENT OWNER	PO BOX 412	WILLINGBORO, NJ	08046
5.08	10		401 WILSON AVENUE	2	CURRENT OWNER	401 WILSON AVENUE	MOUNT EPHRAIM, NJ	08059
5.08	11		405 WILSON AVENUE	2	CURRENT OWNER	405 WILSON AVENUE	W. COLLINGSWOOD HEIGHTS, NJ	08059
5.08	14		601 US HIGHWAY 130 NORTH/BROWNS	4A	CURRENT OWNER	51 WESTMINSTER DRIVE	VOORHEES, NJ	08043
5.08	14.01		417 WILSON AVENUE	2	CURRENT OWNER	417 WILSON AVENUE	W. COLLINGSWOOD HEIGHTS, NJ	08059
5.09	9		610 US HIGHWAY #130 SOUTH	4A	CURRENT OWNER	13 CEDAR DRIVE	TURNERSVILLE, NJ	08012
5.09	10		600 US HIGHWAY #130 SOUTH	4A	CURRENT OWNER	8832 FRANKFORD AVENUE	PHILADELPHIA, PA	19136



Know what's below.
Call before you dig.

12/30/2024	1	INITIAL SUBMISSION	CHK	D.F.
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR
CANNABIS RETAIL DEVELOPMENT				
BLOCK 5.08, LOTS 6, 14 & 14.01 HADDON TOWNSHIP, CAMDEN COUNTY, NEW JERSEY				
INFORMATION SHEET				
RBLJ PROPERTY HOLDINGS, LLC 50 W. BIG BEAVER ROAD TROY, MICHIGAN 48064				
DAVID J. FLEMING, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 24603321600				
12/30/2024 RBL 001.01				
MARATHON Engineering & Environmental Services Swedesboro Office 3 Milldeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24GA27995700				
ALL DOCUMENTS PREPARED BY MARATHON ENGINEERING & ENVIRONMENTAL SERVICES, INC. (M&E) ARE INSTRUMENTS OF SERVICE IN RESPECT TO THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER TO OTHERS OR EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY M&E FOR THE PROJECT PURPOSES WITHOUT M&E'S WRITTEN CONSENT SHALL BE AT THE USER'S RISK AND SHALL HARNESS AND HOLD HARNESS M&E FROM ALL CLAIMS, DAMAGES, LOSSES, AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.				
DRAWING NO. C0002				

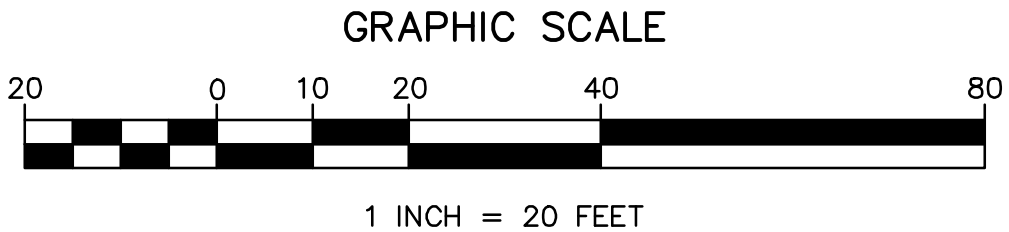


LEGEND

- SUBJECT PROPERTY LIMIT
- EXISTING RIGHT-OF-WAY LINE
- ADJACENT LOT LINE
- EXISTING MINOR CONTOUR LINE
- EXISTING MAJOR CONTOUR LINE

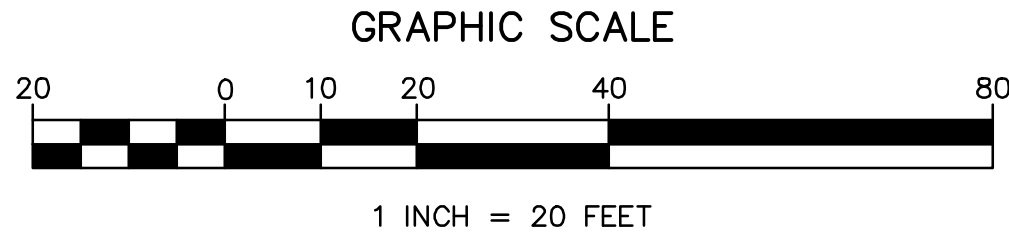
NOTES

- TOTAL AREA OF TRACT = 1.12 ACRES OF LAND.
- ALL DIMENSIONS ARE SHOWN IN U.S. FEET.
- HORIZONTAL DATUM IS NEW JERSEY STATE PLANE COORDINATE SYSTEM NORTH AMERICAN DATUM OF 1983 (NAD 83).
- VERTICAL DATUM REFERS TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- BOUNDARY, TOPOGRAPHIC & PLANIMETRIC INFORMATION TAKEN FROM PLAN ENTITLED, "BOUNDARY AND TOPOGRAPHIC SURVEY" PREPARED BY PAULIUS, SOKOLOWSKI AND SARTOR, LLC., PROJECT NUMBER 2401.050, SHEET 1 OF 1, DATED APRIL 19, 2024, NO REVISIONS. THE PROPOSED DEVELOPMENT SHALL BE SERVED BY PUBLIC SEWER AND WATER.



12/30/2024		1	INITIAL SUBMISSION	CGK	DJF
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION		BY	APPR.
CANNABIS RETAIL DEVELOPMENT					
BLOCK 5.08, LOTS 6, 14 & 14.01 HADDON TOWNSHIP, CAMDEN COUNTY, NEW JERSEY					
EXISTING CONDITIONS PLAN					
RBLJ PROPERTY HOLDINGS, LLC 50 W. BIG BEAVER ROAD TROY, MICHIGAN 48064					
DAVID J. FLEMING, P.E. NEW JERSEY LICENSE NO. 244603321600					
12/30/2024					
RBL 001.01					

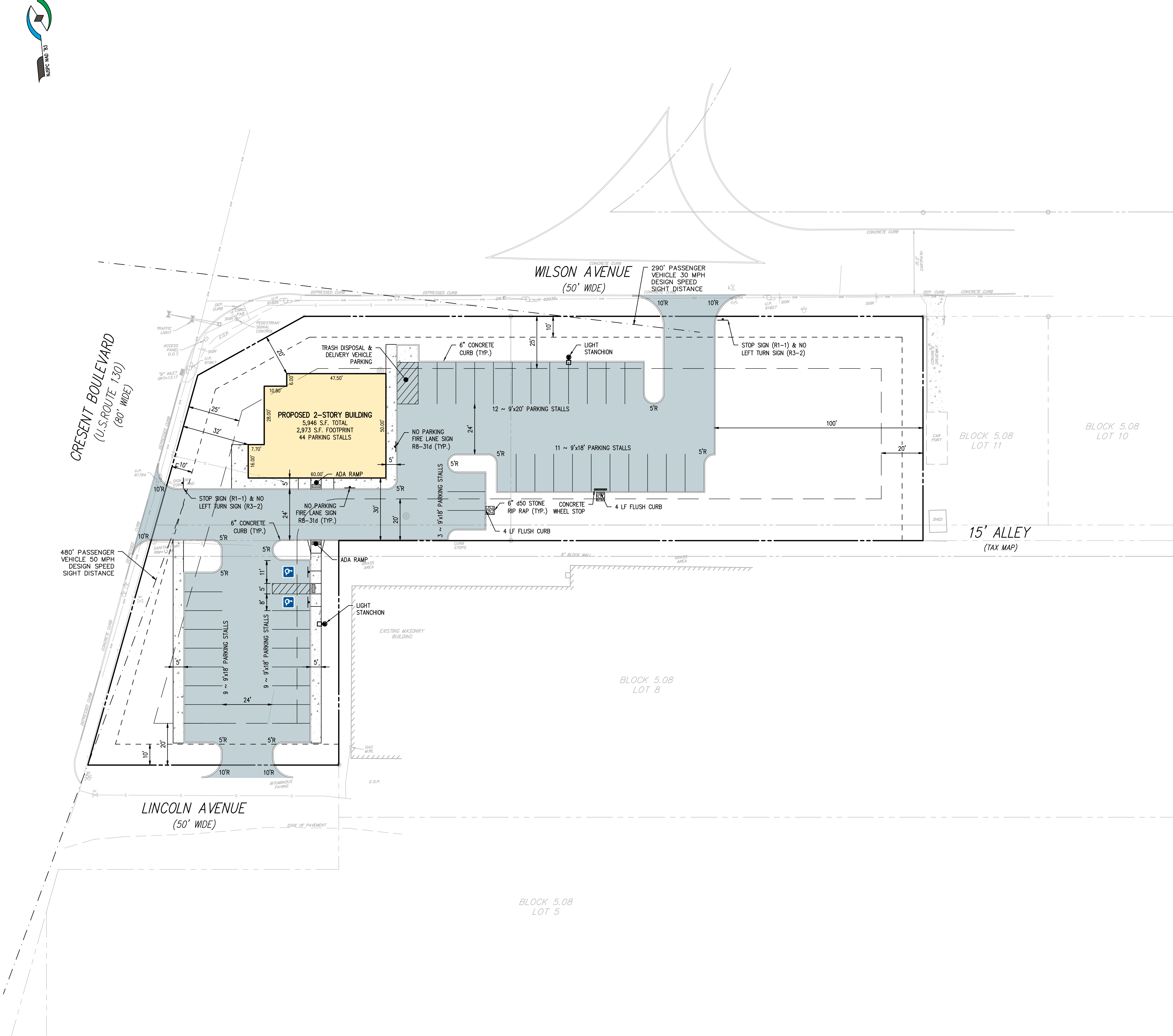
MARATHON Engineering & Environmental Services Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24GA27995700		SCALE 1" = 20' DRAWN BY CGK SHEET 3 OF 13	APPROVED D.J.F. 3 OF 13 DRAWING NO. C1801
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	SUBJECT PROPERTY LIMIT
	EXISTING RIGHT-OF-WAY LINE
	ADJACENT LOT LINE
	EXISTING MINOR CONTOUR LINE
	EXISTING MAJOR CONTOUR LINE
	FENCE TO BE REMOVED
	BUILDING/STRUCTURE TO BE REMOVED
	PAVEMENT SURFACE TO BE REMOVED (±2,823 S.Y.)
	CONCRETE SURFACE TO BE REMOVED (±486 S.Y.)
	STONE/GRAVEL SURFACE TO BE REMOVED (±171 S.Y.)

[illegible]

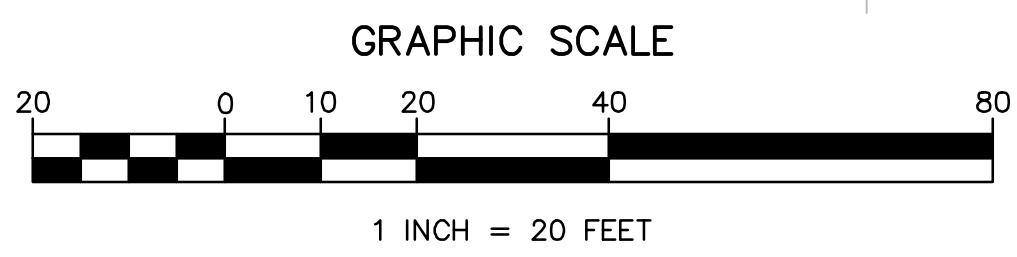
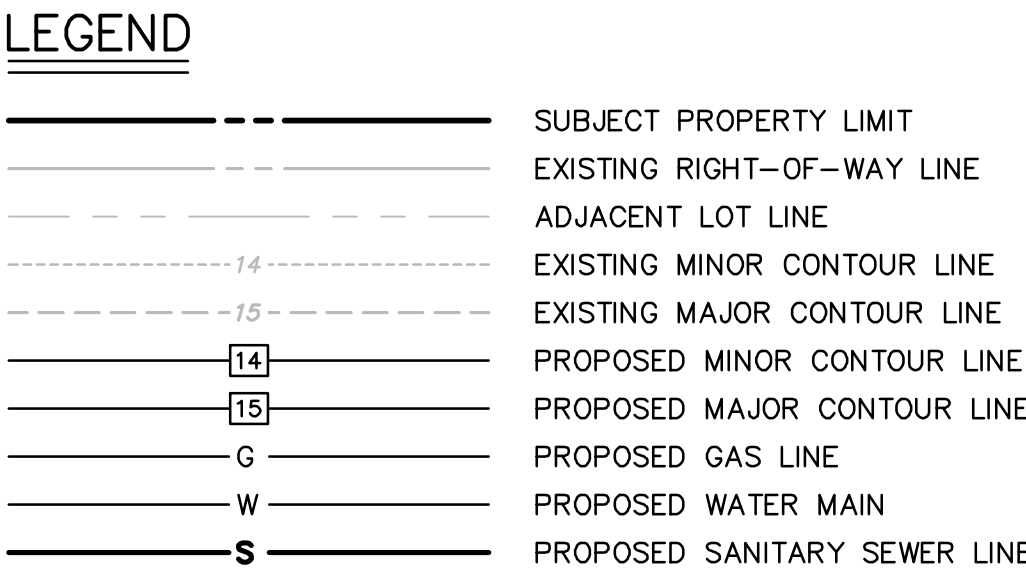
DATE: 12/30/2024
DRAWN BY: CGK
CHECKED BY: D.F.
APPROVED BY: D.F.
PROJECT: CANNABIS RETAIL DEVELOPMENT
SHEET: 5 OF 13
DRAWING NO.: C0101



LEGEND

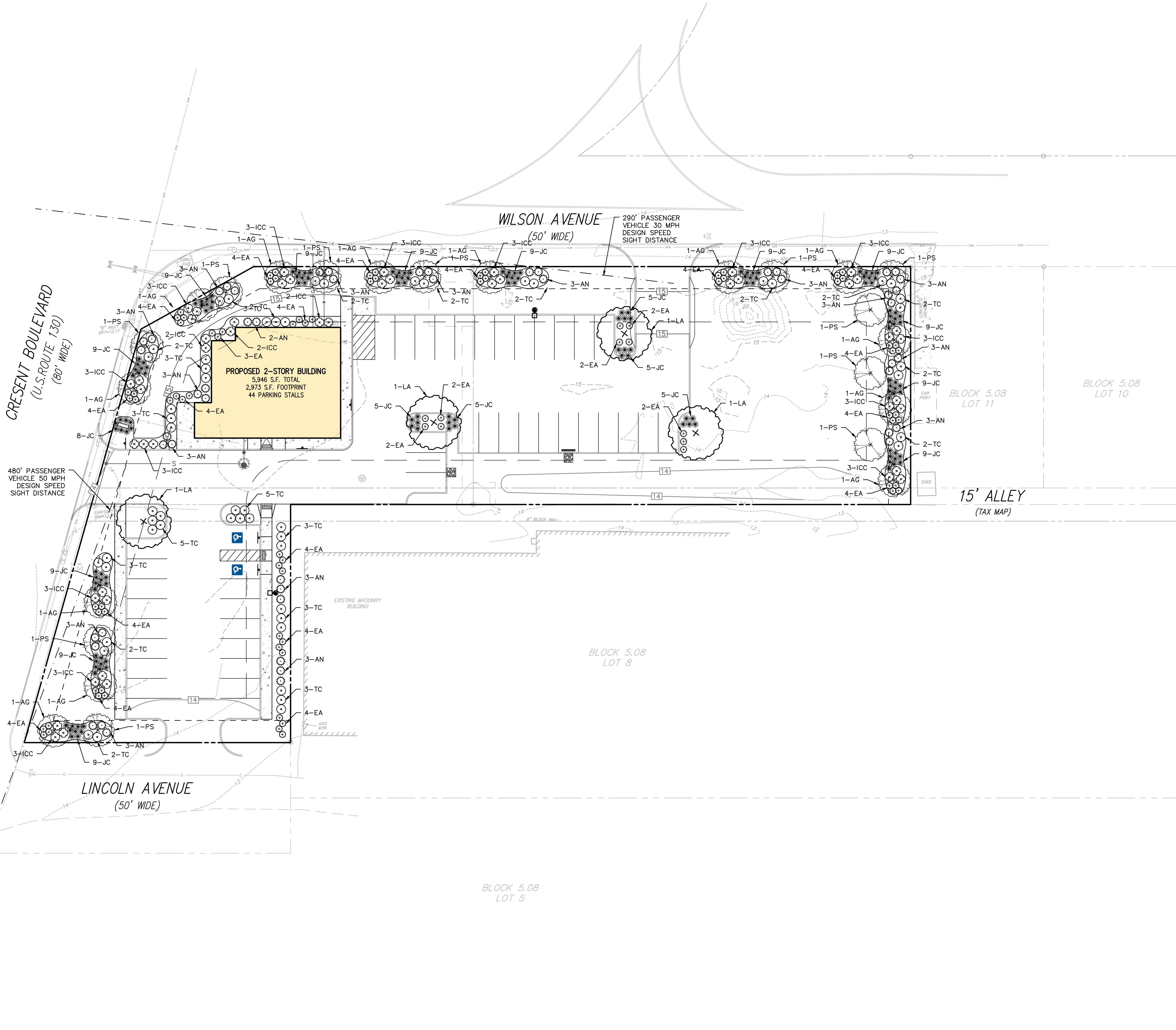
- SUBJECT PROPERTY LIMIT
- EXISTING RIGHT-OF-WAY LINE
- ADJACENT LOT LINE
- BUILDING SETBACK LINE
- LANDSCAPE BUFFER LINE
- PROPOSED PAVEMENT AREA
- PROPOSED CONCRETE AREA

12/30/2024	1	INITIAL SUBMISSION	CGK	D.F.
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
CANNABIS RETAIL DEVELOPMENT				
BLOCK 5.08, LOTS 6, 14 & 14.01 HADDON TOWNSHIP, CAMDEN COUNTY, NEW JERSEY				
SITE PLAN				
RBLJ PROPERTY HOLDINGS, LLC 50 W. BIG BEAVER ROAD TROY, MICHIGAN 48064				
DAVID J. FLEMING, P.E. NEW JERSEY LICENSE NO. 246033321600				
12/30/2024				
RBL 001.01				
MARATHON Engineering & Environmental Services Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24GA27995700			SCALE 1" = 20' D.F. CGK 5 OF 13 APPROVED D.F. C0101	



12/30/2024	I	INITIAL SUBMISSION		CCK	DJF
ISSUE DATE	ISSUE NO.		SUBMISSION/REVISION	BY	APPR.
CANNABIS RETAIL DEVELOPMENT					
BLOCK 5.08, LOTS #. 14 & 14.01 HADDON TOWNSHIP, CAMDEN COUNTY, NEW JERSEY					
GRADING & UTILITY PLAN					
RBLJ PROPERTY HOLDINGS, LLC 50 W. BIG BEAVER ROAD TROY, MICHIGAN 48064					
MARATHON <i>Engineering & Environmental Services</i> Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24G27995700					
DAVID J. FLEMING, P.E. PROFESSIONAL ENGINEER NEW JERSEYS LICENSE NO. 246C03321600 <u>12/30/2024</u> RBL_001.01			ALL DOCUMENTS PREPARED BY MARATHON ENGINEERING & ENVIRONMENTAL SERVICES ARE THE PROPERTY OF MARATHON ENGI OF SERVICE IN RESPECT TO THE PROJECT. THEY ARE NOT TO B ANYTHING OR REPRESENTED TO BE OUTSIDE FOR ANY REASON. BY OWNER TO OTHERS ON EXTENSIONS OF THE PROJECT O OR ON ANY OTHER SUBJECT. ANY REQUEST FOR INFORMATION WRITTEN VOUCHER OR ADAPTATION IN WRITS FOR THE EXISTIN THE PROPOSED PURPOSE INTENDED WILL BE PROVIDED FREE OF CH AND WITHOUT LIABILITY LEGALLY BINDING TO BEST AND FAIRLY WILL SHALL INDUSTRY' AND HOLD HARVEST MEAS FROM ALL CLIMAT CLIMATE, TEMPERATURE, LOGGING, AND FORESTED PLANTING OUT OF OF DEFENDING THEREFROM.		
			SCALE: 1" = 20' DRAWN BY CCK SHEET 6 OF 13 APPROVED DJF		
DRAWING NO.: C0201					

DATE: 12/30/2024
DRAWN BY: D.J.F.
CHECKED BY: C.G.K.
APPROVED BY: D.J.F.
SCALE: 1" = 20'
SHEET: 7 OF 13
DRAWING NO.: C0601



LANDSCAPE SCHEDULE							
KEY	Total Quantity	BOTANICAL	COMMON NAME	SIZE	CALIPER	ROOT	COMMENTS
SHADE AND STREET TREES							
LA	4	Liquid Amber <i>Styraciflua 'Moraine'</i>	American Sweetgum	12' to 14'	2" - 2.5"	B & B	No Fall Digging
	4	Subtotal					
ORNAMENTAL / SMALL TREES							
AG	13	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	6' to 8'	----	B & B	Multi-stem or Single Stem
	13	Subtotal					
EVERGREEN TREES							
PS	11	Pinus strobus	White Pine	5' to 6'	-	B & B	11" o.c.
	11	Subtotal					
SHRUBS, GRASSES, and GROUNDCOVERS							
IOC	48	Ilex crenata 'Compacta'	Compacta Japanese Holly	24" to 30"	-	#5 Can	5' o.c.
JC	150	Juniperus conferta 'Blue Pacific'	Creeping Juniper	24" to 30", Spread	-	#2 Can	3' o.c.
AN	50	Atropurpurea Nana	Crimson Pinyon Barberry	24" to 30"	-	#5 Can	5' o.c.
TC	55	Taxus cuspidata 'Nana Aurea'	Japanese Golden Dwarf Yew	24" to 30"	-	#5 Can	5' o.c.
EA	86	Euonymus Alatus 'Compactus'	Dwarf Burning Bush	24" to 30"	-	#5 Can	5' o.c.
	303	Subtotal					

NOTES

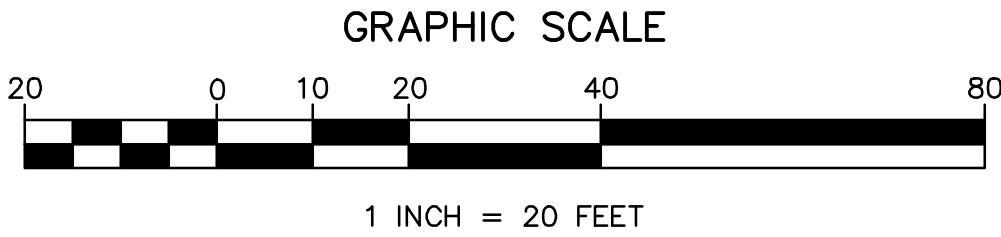
- THIS PLAN IS TO BE USED FOR LANDSCAPING PURPOSES ONLY.
- IN THE EVENT OF DISCREPANCIES BETWEEN THE QUANTITIES OF PLANTS INDICATED IN THE LANDSCAPE SCHEDULE AND THOSE GRAPHICALLY DEPICTED ON THE PLANS, THE PLANT QUANTITIES DEPICTED ON THE PLANVIEW SHALL GOVERN.
- NO PLANT MATERIAL SUBSTITUTION SHALL BE ACCEPTED WITHOUT WRITTEN PERMISSION FROM THE TOWNSHIP ENGINEER AND/OR TOWNSHIP PLANNER.
- REFER TO LANDSCAPE SCHEDULE ON SHEET C0500 FOR KEY TO PLANT MATERIAL NAMES. LANDSCAPE SCHEDULE INCLUDES PLANT SPECIFICATIONS.
- REFER TO PLANTING NOTES AND PLANTING DETAILS ON SHEET C0500.
- LANDSCAPE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE SITE AND OBTAIN A MARK OF ALL UTILITIES WITHIN THE PROPOSED PLANTINGS AREAS PRIOR TO START OF PLANT INSTALLATION.
- ALL SHADE TREES, EVERGREEN TREES, AND ORNAMENTAL TREES SHALL BE PLANTED A MINIMUM OF 10 FEET AWAY FROM UNDERGROUND UTILITY LINES. SHRUBS MAY BE PLANTED OVER UNDERGROUND UTILITY LINES WHERE A SAFE VERTICAL SEPARATION IS PROVIDED.
- ALL FOUNDATION PLANTINGS SHALL BE CONTAINED WITHIN A CONTINUOUS MULCHED BED.
- ADJUSTMENT TO PLANT LOCATIONS WILL BE NECESSARY DUE TO FINAL LOCATION OF DOWNSPOUTS AND COLLECTION SYSTEM. NO PLANTS SHALL BE ELIMINATED, HOWEVER, ADJUSTMENTS SHALL BE MADE IN THE FIELD WITH AN EFFORT TO MAINTAIN THE ORIGINAL DESIGN INTENT.
- PLANT ADJUSTMENTS SHALL BE MADE IN THE FIELD FOR ANY AT-GRADE HVAC SYSTEMS OR ABOVE GROUND UTILITIES.
- REFER TO SHEET C0701 FOR LIGHTING DESIGN AND SHEET C0500 FOR LIGHTING DETAILS.

LANDSCAPING LEGEND

- PROPOSED SHADE TREE
- ORNAMENTAL/EVERGREEN TREE
- SHRUB
- PROPOSED LIGHT STANCHION

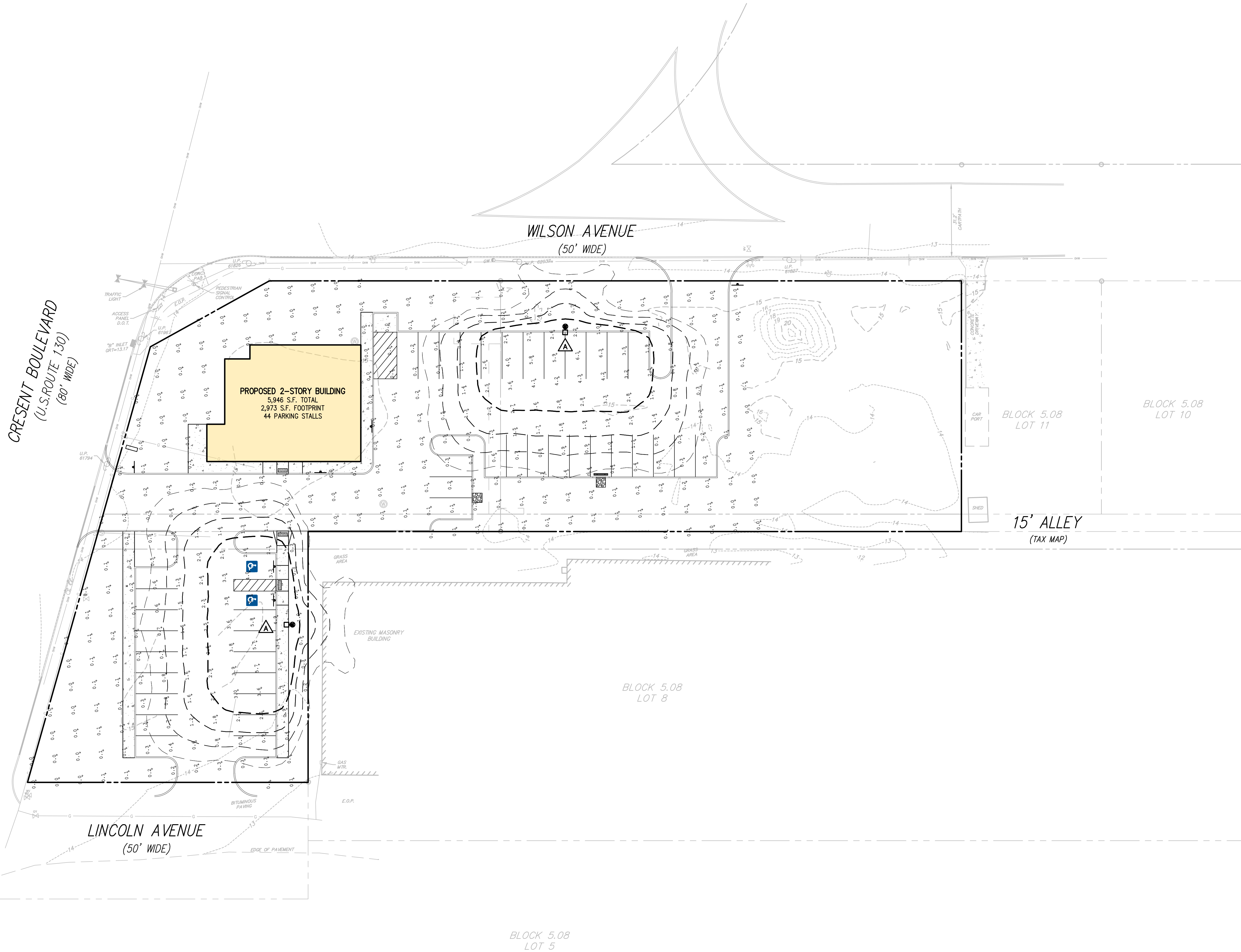
LEGEND

- SUBJECT PROPERTY LIMIT
- EXISTING RIGHT-OF-WAY LINE
- ADJACENT LOT LINE
- EXISTING MINOR CONTOUR LINE
- EXISTING MAJOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- PROPOSED MAJOR CONTOUR LINE



12/30/2024	1	INITIAL SUBMISSION	CGK	D.J.F.
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
CANNABIS RETAIL DEVELOPMENT				
BLOCK 5.08, LOTS 6, 14 & 14.01 HADDON TOWNSHIP, CAMDEN COUNTY, NEW JERSEY				
LANDSCAPE PLAN				
RBLJ PROPERTY HOLDINGS, LLC 50 W. BIG BEAVER ROAD TROY, MICHIGAN 48064				
DAVID J. FLEMING, P.E. NEW JERSEY LICENSE NO. 246033321600 12/30/2024 RBL 001.01				
MARATHON Engineering & Environmental Services Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24GA27995700				
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SCALE 1" = 20'	APPROVED D.J.F.	DRAWN BY CGK	SHEET 7 OF 13	DRAWING NO. C0601

DATE: 12/30/2024
PROJECT: CANNABIS RETAIL DEVELOPMENT
DRAWN BY: CGK
CHECKED BY: DLF
APPROVED BY: DLF
SCALE: 1" = 20'
SHEET: 8 OF 13
DRAWING NO.: C0701



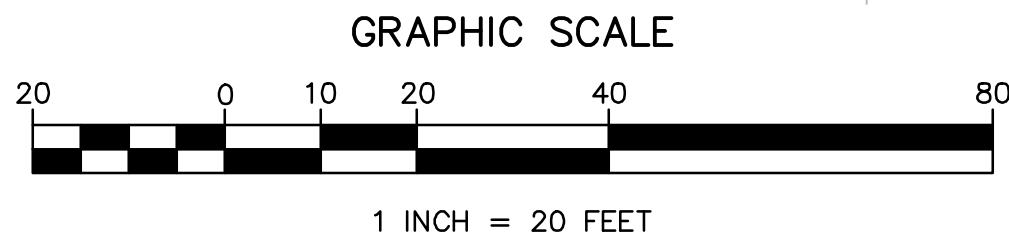
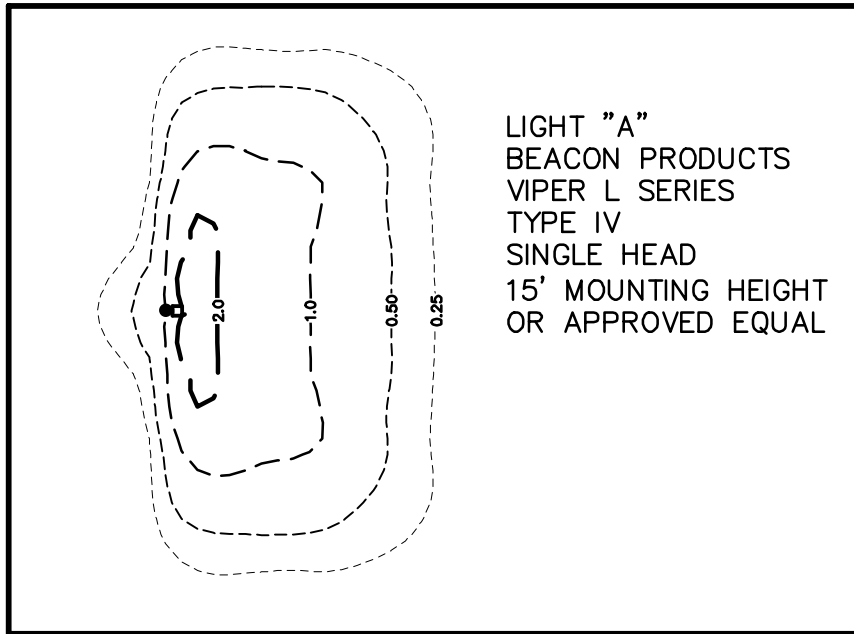
LUMINAIRE SCHEDULE								
SYMBOL	LABEL	QTY	CATALOG NUMBER	DESCRIPTION	IES FILE	LUMENS	LLF	WATTS
		2	VP-L-64L-135-4K7-4W	BEACON PRODUCTS VIPER L SERIES POLE MOUNT - 15 FT SINGLE HEAD	VP-L-64L-135-4K7-4W	17,163	.95	135

CALCULATION SUMMARY					
DESCRIPTION	AVG	MAX	MIN	AVG/MIN	MAX/MIN
OVERALL SITE	0.41 FC	6.3 FC	0.0 FC	N/A	N/A
SOUTH PARKING AREA	2.04 FC	5.8 FC	0.3 FC	6.80 FC	19.33 FC
EAST PARKING AREA	1.35 FC	6.3 FC	0.0 FC	N/A	N/A

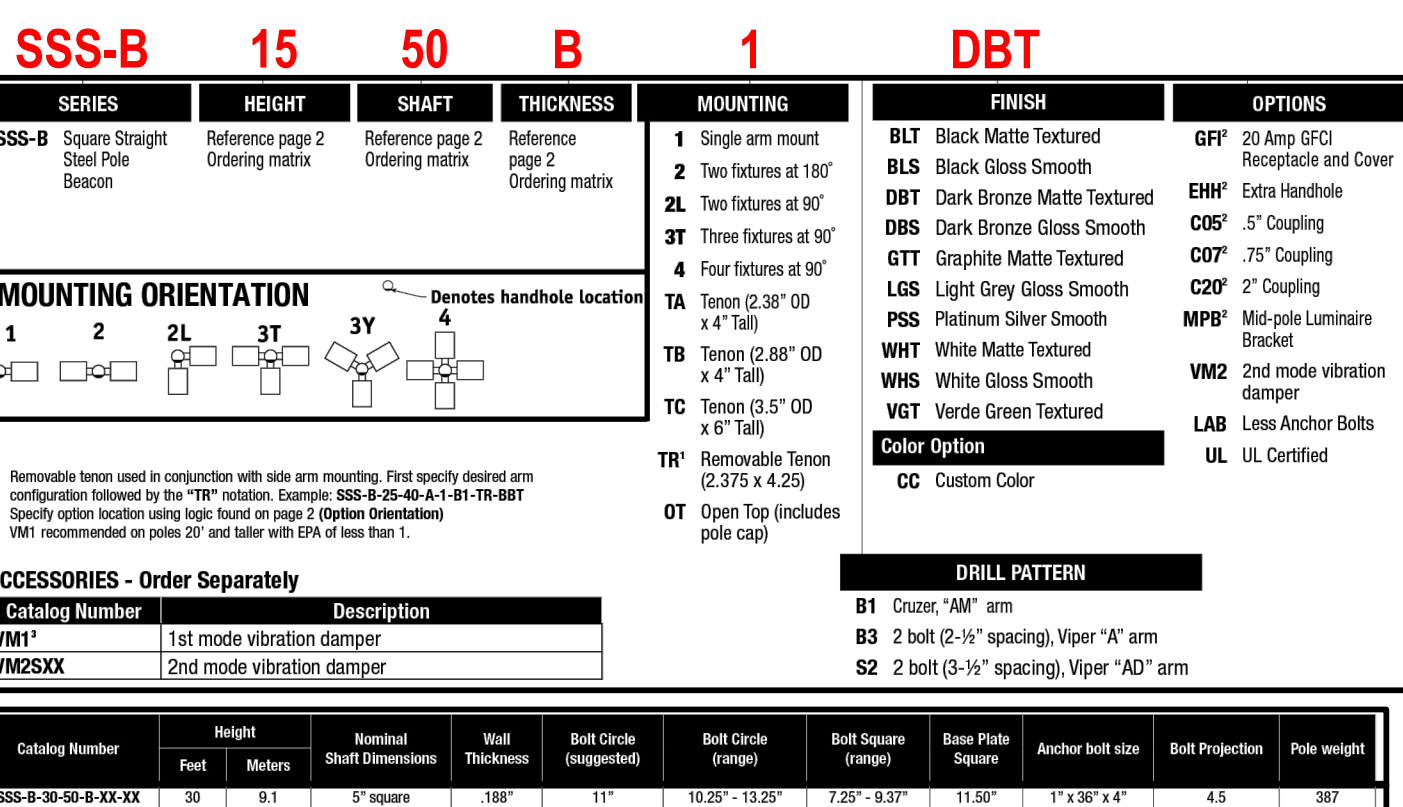
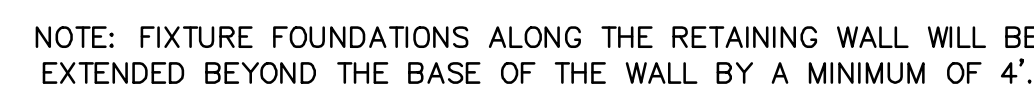
LIGHTING NOTES

- ALL LIGHTING SHALL BE IN ACCORDANCE WITH APPLICABLE STANDARDS.
- NO SHADE TREE SHALL BE PLANTED CLOSER THAN 15 FEET TO ANY PROPOSED LIGHT STANCHION.
- ALL LUMINARIES ARE UL LISTED & CSA CERTIFIED.
- ALL LIGHTING FIXTURES AND POLES SHALL BE BEACON PRODUCTS OR APPROVED EQUAL.
- ALONG CAR PARKING LOTS AND DRIVE AISLES UTILIZED BY CARS ONLY, THE LIGHTS SHALL BE SETBACK A MINIMUM OF 3 FEET FROM FACE OF CURB WHERE POSSIBLE.
- LIGHTS SHALL BE PHOTO CONTROLLED.

ISOLUX LEGEND



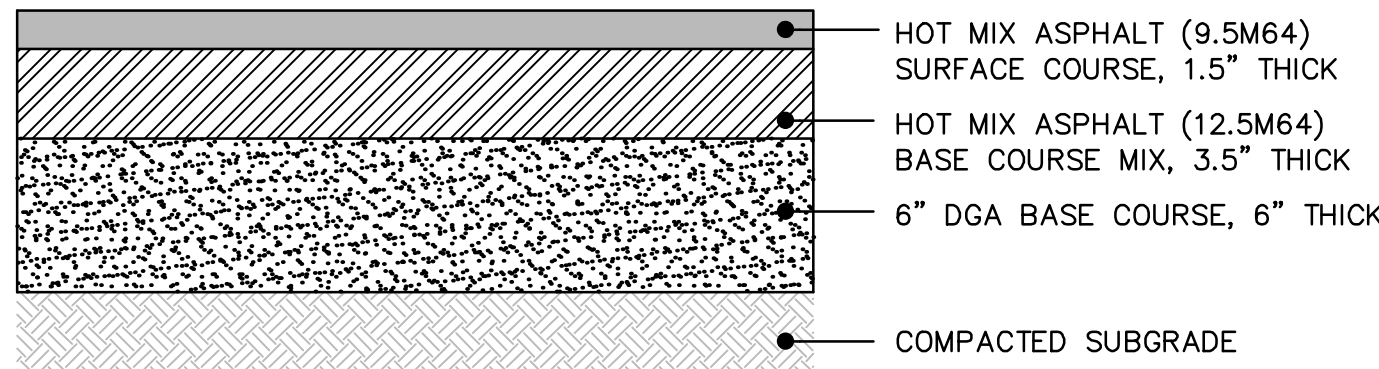
12/30/2024	1	INITIAL SUBMISSION	CGK	DLF
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
CANNABIS RETAIL DEVELOPMENT			MARATHON	
BLOCK 5.08, LOTS 6, 14 & 14.01 HADDON TOWNSHIP, CAMDEN COUNTY, NEW JERSEY			Engineering & Environmental Services Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24GA27995700	
LIGHTING PLAN			1" = 20' D.F.	
RBLJ PROPERTY HOLDINGS, LLC			DRAWN BY CGK SHEET 8 OF 13	
50 W. BIG BEAVER ROAD TROY, MICHIGAN 48064			APPROVED BY DLF	
DAVID J. FLEMING, P.E. NEW JERSEY LICENSE NO. 246E03321600			DRAWING NO. C0701	
12/30/2024			RBL 001.01	



1. ALL PLANT MATERIAL SHALL BE FURNISHED AND INSTALLED AS INDICATED INCLUDING ALL LABOR, MATERIALS, PLANTS, EQUIPMENT, INCIDENTALS AND CLEAN UP.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLANTING AT CORRECT GRADES AND ALIGNMENTS.
3. ALL PLANT MATERIAL SHALL BE TYPICAL, HEALTHY, SPECIES AND VARIETIES, HAVE NORMAL GROWTH HABITS, WELL DEVELOPED BRANCHES, DENSELY-FOLIATED VIGOROUS ROOT SYSTEM AND BE FREE FROM DEFECTS AND INJURIES.
4. THE CONTRACTOR SHALL REPORT ANY SOIL DRAINAGE CONDITION CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL.
5. ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN VIGOROUS GROWING CONDITION. PROVISION SHALL BE FOR A GROWTH GUARANTEE OF AT LEAST TWO (2) YEARS FOR TREES AND A MINIMUM OF ONE (1) GROWING SEASON FOR SHRUBS. REPLACEMENT SHALL BE MADE AT THE BEGINNING OF THE FIRST SUCCEEDING GROWING SEASON. REPLACEMENTS OF TREES SHALL BE GUARANTEED FOR TWO (2) YEARS ABOVE.
6. INsofar AS IS PRACTICAL, ALL PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IF THE EVENT THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL PROTECT STOCK NOT PLANTED. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE (3) DAY PERIOD AFTER DELIVERY.
7. QUANTITY OF TREES, SHRUBS, PLANTS, AND 3/8" OR SMALLER BALLS SHALL BE IN ACCORDANCE WITH ANSI Z60 (REV. 1980) AMERICAN STANDARD FOR NURSERY STOCK AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERMEN.
8. ALL PLANTS SHALL BE PLANTED IN TOPSOIL THAT IS THOROUGHLY WATERED AND TAMPED AS BACK FILLING PROGRESSES. NOTHING BUT SUITABLE TOPSOIL, TREE OF YOD, SIFT CLAY, LITTER, ETC. SHALL BE USED FOR PLANTING.
9. PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK AND BREAK PLANT. PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE BALL ONLY.
10. ALL PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICES.
11. NO PLANT, EXCEPT GROUND COVERS, SHALL BE PLANTED LESS THAN TWO (2) FEET FROM EXISTING STRUCTURES AND SIDEWALKS.
12. SET ALL PLANTS PLUMB AND STRAIGHT AND AT SUCH LEVEL THAT, AFTER SETTLEMENT, A NORMAL OR NATURAL RELATIONSHIP TO THE CROWN OF THE PLANT WITH THE GROUND'S SURFACE WILL BE ESTABLISHED. LOCATE PLANT IN PROPER LOCATION OF PLANT.
13. ALL INJURED ROOTS SHALL BE PRUNED TO MAKE CLEAN ENDS BEFORE PLANTING. IT IS ADVISABLE TO PRUNE APPROXIMATELY 1/3" OF THE GROWTH OF LARGE TREES (2" CALIPER AND OVER) BY THE REMOVAL OF BRANCHES, THOSE WHICH CROSS, THOSE WHICH RUN PARALLEL, ETC. MAIN LEADER OF TREES MUST NOT BE CUT BACK. LONG SIDE BRANCHES, HOWEVER, MUST BE TRIMMED TO MAINTAIN BALANCE.
14. EACH TREE AND SHRUB SHALL BE PRUNED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICE TO PRESERVE NATURAL CHARACTER OF PLANT. PRUNING SHALL BE WITH CLEAN SHARP TOOLS.
15. ALL TREES SHALL BE SUPPORTED IMMEDIATELY AFTER PLANTING. GUYING WIRES AND STAKES SHALL BE INSTALLED AS INDICATED ON THE PLANS AND DETAILS.
16. THE DRAWINGS SHALL BE SCALED FOR PURPOSES OF LOCATING SOIL BERMS, PLANT MATERIAL, PLANTING BEDS, GROUND COVER AREAS AND OTHER SITE AMENITIES SHOWN. PLANT MATERIAL IS SUBJECT TO FIELD ADJUSTMENT DUE TO UNEXPECTED OBSTACLES, UNUSUAL GROUND CONDITIONS, STORMWATER OR HARDWARE.
17. ALL PLANT MATERIAL TO BE SET IN PREPARED MULCHED BEDS. FINAL BED LINES TO BE APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT OR THE OWNER'S REPRESENTATIVE.
18. ALL PLANTING BEDS TO RECEIVE 4" OF HARDWOOD BARK MULCH AS INDICATED ON THE PLANTING DETAILS. FINAL LOCATION OF PLANT MATERIAL TO BE DETERMINED IN THE FIELD BY THE LANDSCAPE ARCHITECT OR THE OWNER'S REPRESENTATIVE.
19. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION OR DIGGING.
20. ALL DECIDUOUS SHADE TREES, ORNAMENTAL TREE, OR LARGE EVERGREEN TREE SHALL BE LOCATED CLOSER THAN 10 FEET TO ANY SUBSURFACE UTILITY LINE. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFICATIONS AND MARK OUT OF ALL EXISTING AND PROPOSED UNDERGROUND UTILITY LINES, PRIOR TO START OF PLANT INSTALLATION.
21. PLANT MATERIAL QUANTITIES.
22. SHRUBS MAY BE PLANTED OVER UNDERGROUND UTILITY LINES IF UTILITY LINES ARE OVER 48 INCHES OR GREATER BELOW GRADE. OTHERWISE, SHRUBS SHALL BE A MINIMUM OF 5 FEET FROM UNDERGROUND UTILITIES.
23. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH APPROPRIATE TOWNSHIP AGENCIES AND UTILITY COMPANIES.
24. IN THE EVENT OF A DISCREPANCY IN THE QUANTITIES OF PLANT MATERIAL INDICATED ON THE SCHEDULE AND THE QUANTITIES GRAPHICALLY DEPICTED ON THE PLANS, THE PLANT QUANTITIES INDICATED ON THE PLAN SHALL GOVERN. ANY DISCREPANCY REGARDING PLANT MATERIAL QUANTITIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT BEFORE BEGINNING OF PLANTING.
25. PLANT SIZES SPECIFIED IN THE PLANT SCHEDULE ARE TO BE THAT AT THE TIME OF INSTALLATION.
26. NO PLANT SUBSTITUTIONS SHALL BE ACCEPTED WITHOUT WRITTEN PERMISSION OF THE TOWNSHIP ENGINEER.

1. ALL LANDSCAPED AREAS SHALL BE MAINTAINED IN A NEAT AND PROFESSIONAL MANNER THROUGHOUT THE LIFE OF THE PROJECT, TO INCLUDE THE REPLACEMENT OF PLANT MATERIAL AS REQUIRED.
2. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE LANDSCAPING, EXISTING WOODLANDS, AND PROPOSED BASIN.
3. RETENTION OF NATIVE PLANT MATERIAL: ALL EFFORTS SHALL BE MADE TO RETAIN NATURAL PLANT MATERIAL.
4. SUBSTITUTIONS OF EXISTING PLANT MATERIAL FOR REQUIRED LANDSCAPING: THE DEVELOPER MAY REQUEST THE PLANNING BOARD TO VERIFY THE ACCEPTABILITY OF EXISTING NATIVE PLANT MATERIAL AND ITS SUITABILITY AS A SUBSTITUTE FOR ANY PROPOSED PLANT MATERIAL.
5. LOCATION OF LANDSCAPE MATERIAL: ALL LANDSCAPE MATERIAL SHALL BE LOCATED SO AS NOT TO OBSTRUCT VISION IN PARKING AREAS, ALONG ROADWAYS OR IN OTHER AREAS ACCESSIBLE TO MOTORIZED VEHICLES.

[illegible]

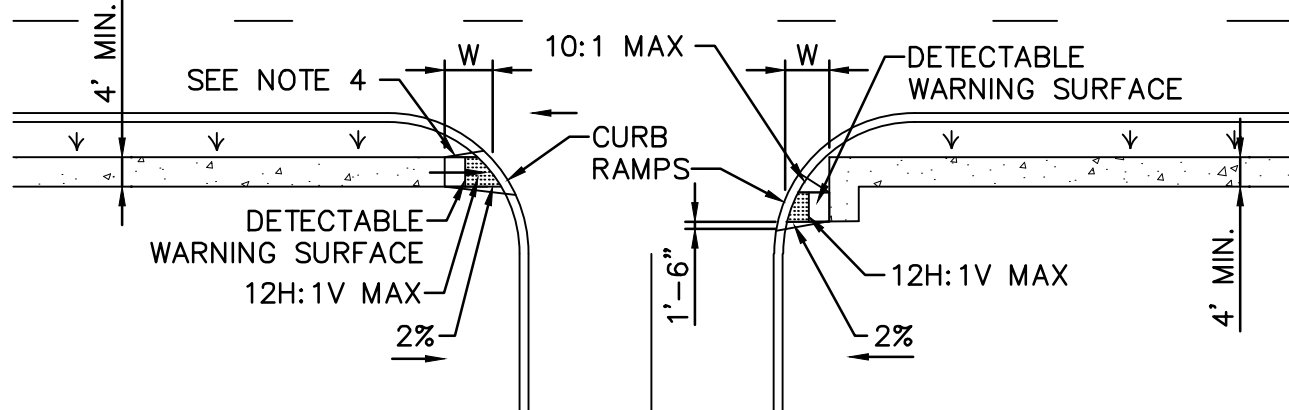


NOTES:

1. THE DENSE GRADED AGGREGATE BASE COURSE SHALL CONFORM TO SECTION 901.10 OF THE N.J.DOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2007).
2. ALL SUBGRADES SHALL BE CONSIDERED "POOR", UNLESS THE APPLICANT PROVES OTHERWISE THROUGH CBR TESTING OR FIELD EVALUATION OF SOIL CLASSIFICATION. TEST RESULTS SHALL BE REVIEWED BY THE MUNICIPAL ENGINEER.
3. RSIS PAVEMENT SECTION FOR RURAL LANES, RURAL STREETS, CUL-DE-SACS, AND ALLEYS.

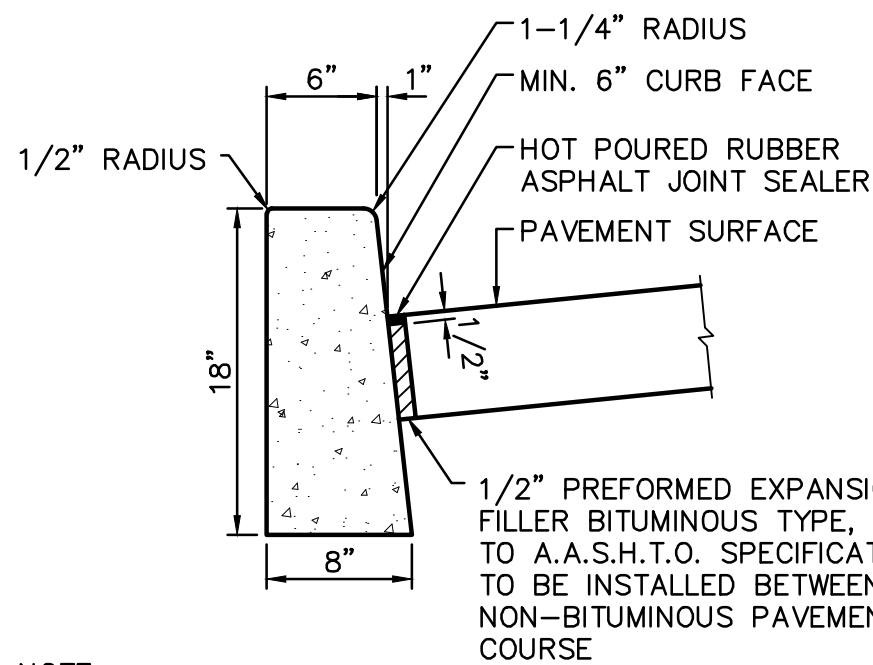
PAVING DETAIL

N.T.S.



N.J.DOT CURB RAMP TYPE V

N.T.S.

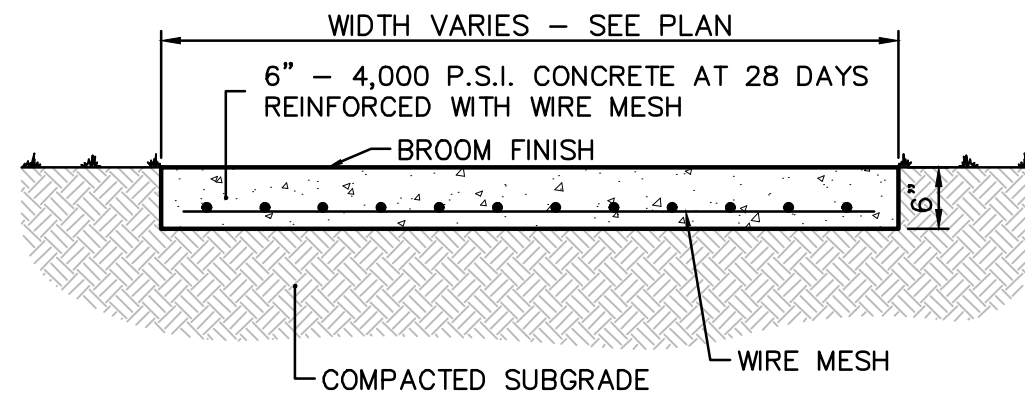


NOTE:

1. CONCRETE TO BE N.J.DOT CLASS "B" (AIR ENTRAINED) @ 4,000 PSI.
2. TRANSVERSE JOINTS 1/2" WIDE SHALL BE INSTALLED IN THE CURB 20'-0" APART AND SHALL BE FILLED WITH PREFORMED BITUMINOUS-IMPREGNATED FIBER JOINT FILLER, COMPLYING WITH THE REQUIREMENTS OF AASHTO M-213, RECESSED 1/4" FROM THE FRONT FACE AND TOP OF CURB.
3. DUMMY JOINTS (FORMED) SHALL BE INSTALLED MIDWAY BETWEEN EXPANSION JOINTS.
4. WIDTH OF JOINT FILLER STRIP EQUAL TO THE THICKNESS OF THE PAVEMENT LESS 1/2"

INTERIOR CONCRETE CURB

N.T.S.

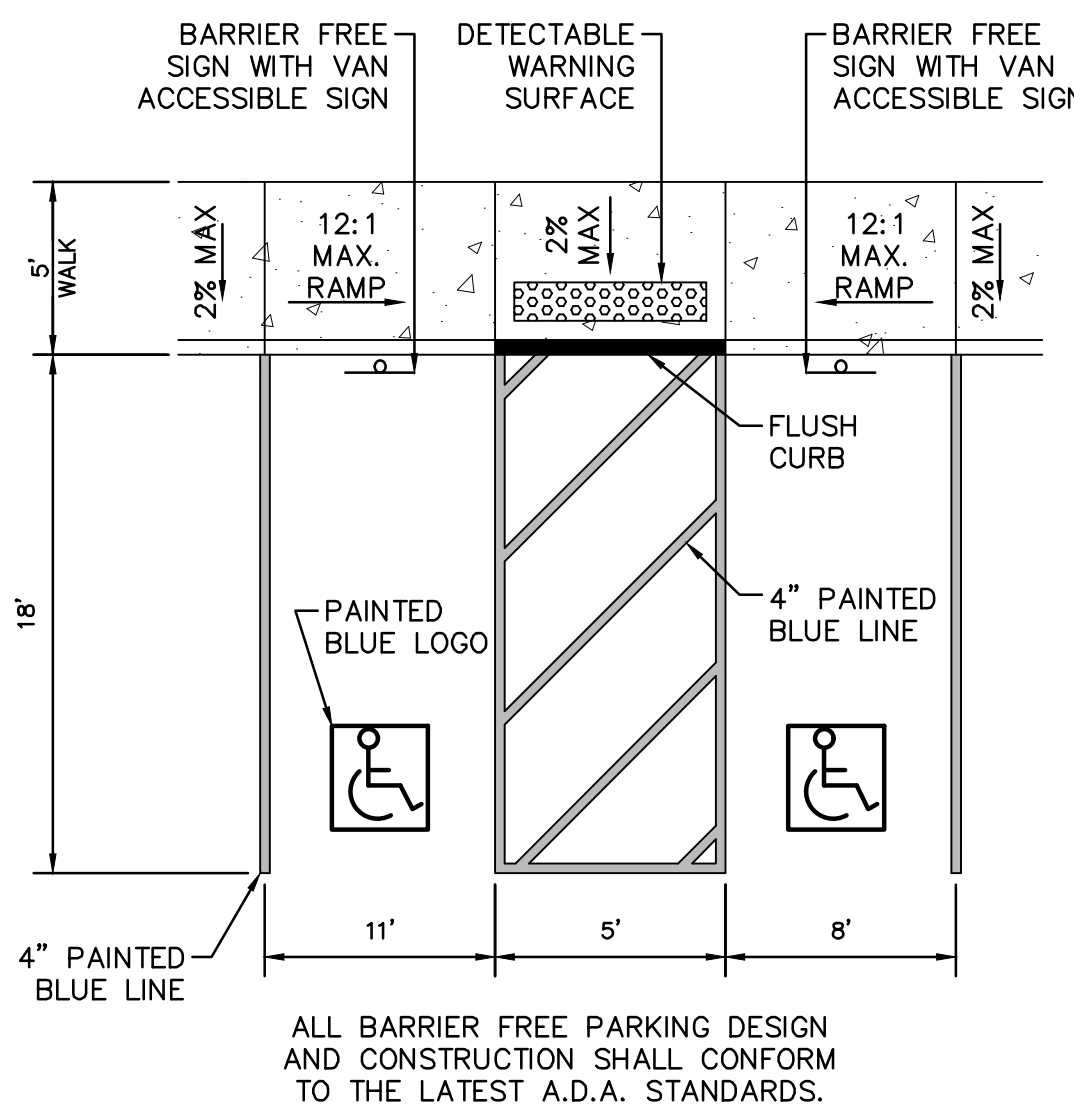


NOTES:

1. SIDEWALK SHALL BE MINIMUM 4' WIDE AND 6" THICK.
2. EXPANSION JOINTS SHALL BE 1/2" WIDE AND PROVIDED AT INTERVALS AS SHOWN ON SCORING PLAN AND SHALL BE FILLED WITH 1/2" THICK CELLULAR COMPRESSION MATERIAL TO WITHIN 1/4" OF TOP OF WALK.
3. SURFACE GROVES SHALL BE CUT AT LEAST 3/4" DEEP AT RIGHT ANGLES TO THE LINE OF SIDEWALK AND AT INTERVALS EQUAL TO SIDEWALK WIDTH.
4. SURFACE EDGES SHALL BE ROUNDED TO 1/2" RADIUS.
5. FINISH SHALL BE WOOD FLAT, FOLLOWED BY BROOMING TO A NEAT, WORKMANLIKE SURFACE.

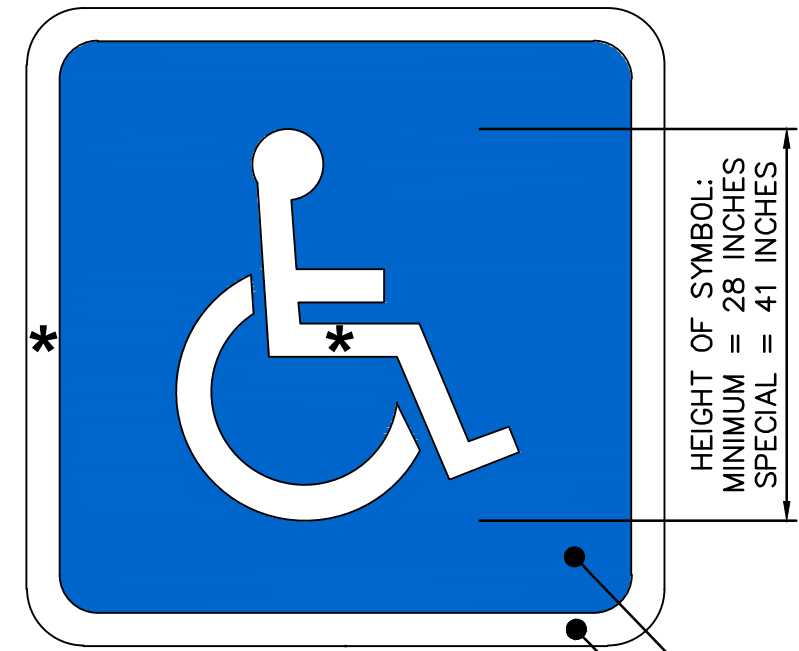
CONCRETE SLAB DETAIL

N.T.S.



BARRIER FREE PARKING DETAIL

N.T.S.



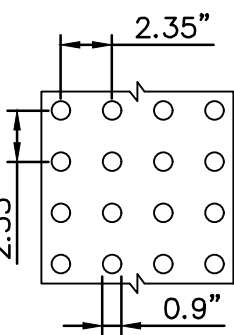
WIDTH OF SYMBOL:
MINIMUM = 24 INCHES
SPECIAL = 36 INCHES

* STROKE WIDTH:
MINIMUM = 3 INCHES
SPECIAL = 4 INCHES

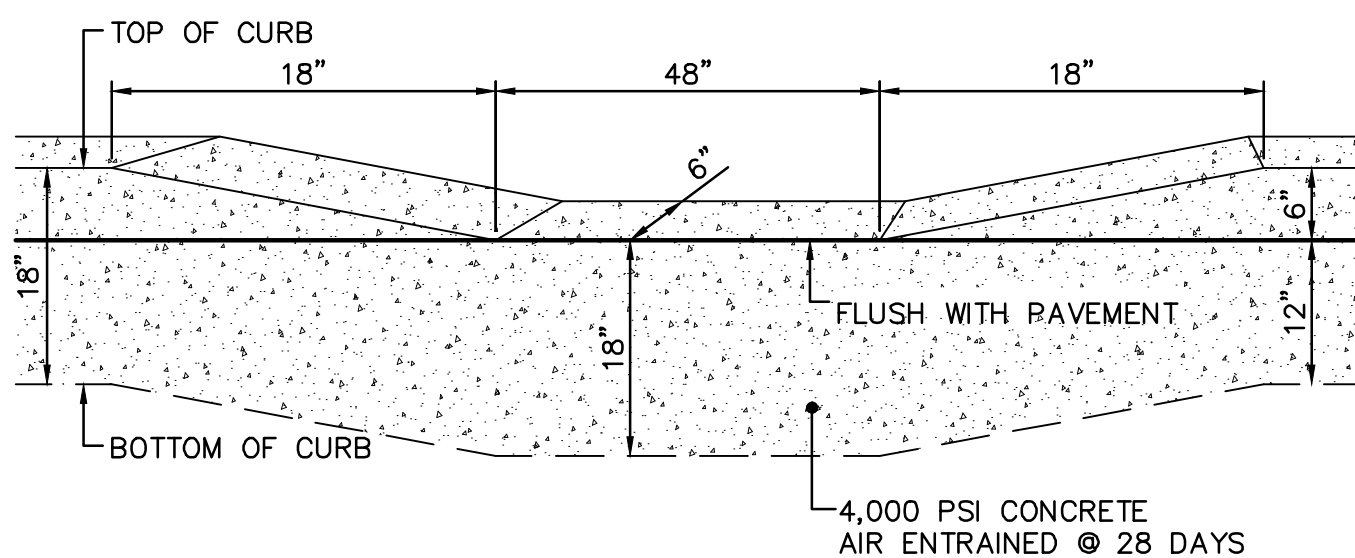
BARRIER FREE SYMBOL

N.T.S.

CURB RAMP TYPE 5	H INCHES	W FEET
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

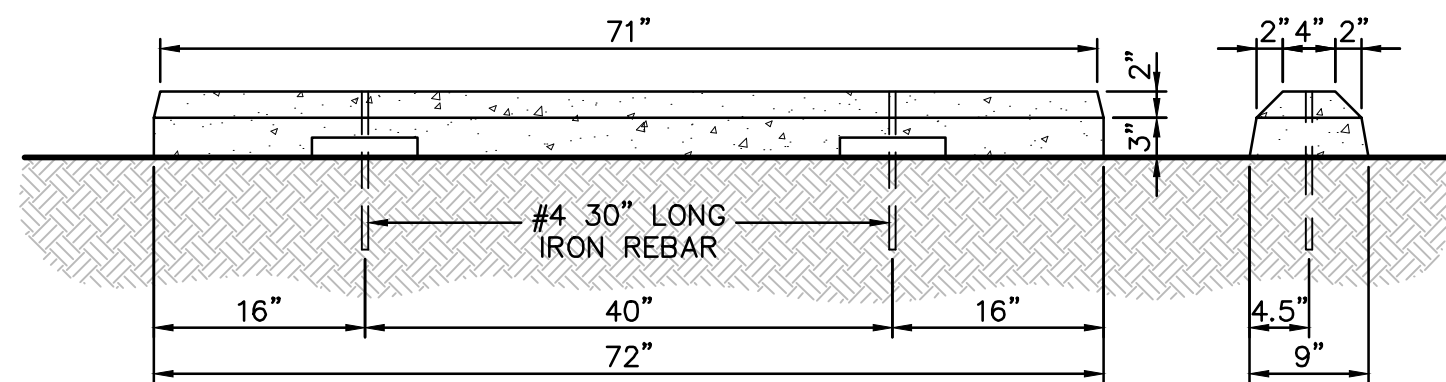


DETECTABLE DOME WARNING SURFACE



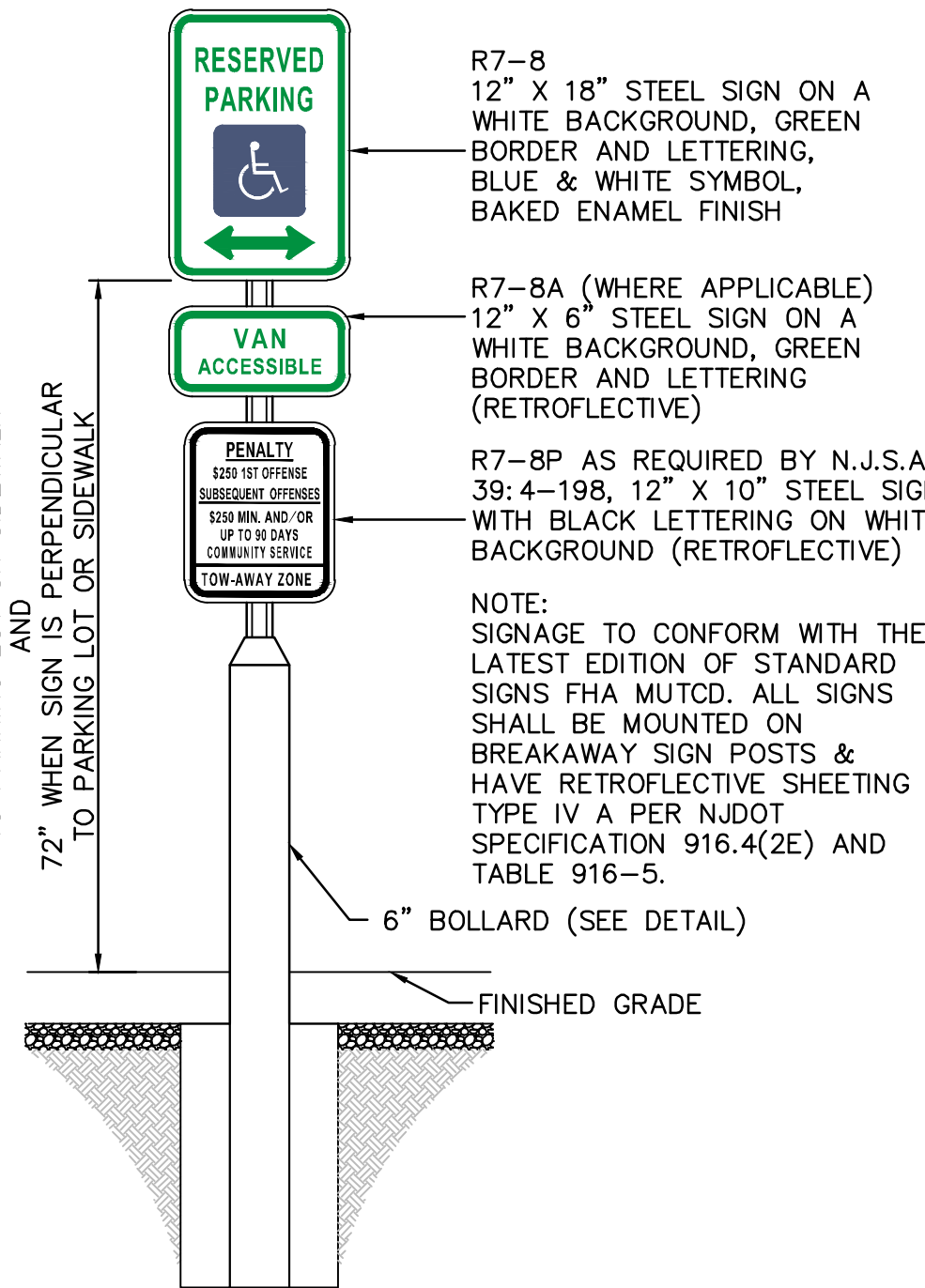
FLUSH CURB DETAIL

N.T.S.



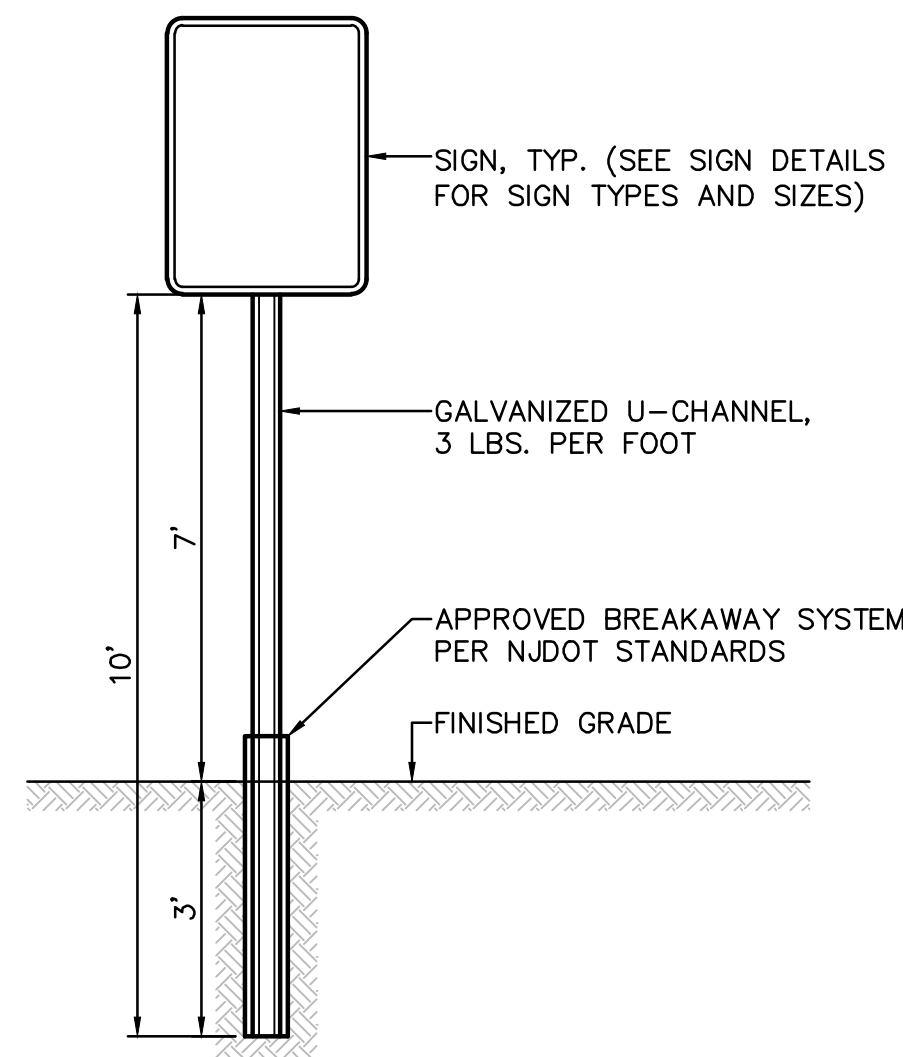
PRECAST CONCRETE WHEEL STOP

N.T.S.



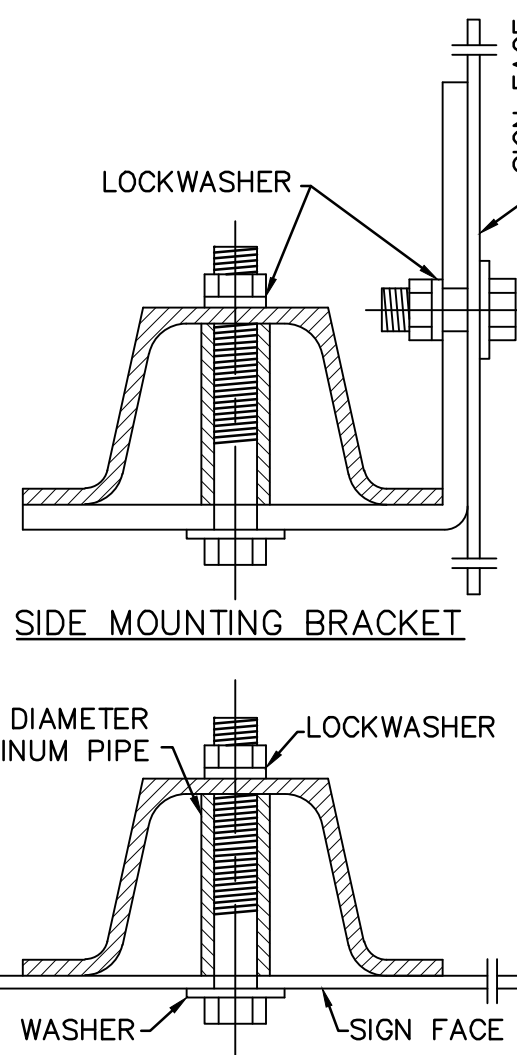
BOLLARD WITH BARRIER FREE SIGN

N.T.S.



SIGN POLE DETAIL

N.T.S.



FRONT MOUNTING BRACKET

N.T.S.

SIGN MOUNTING DETAIL

N.T.S.



R1-1
30" x 30"

NOTE: SIGNAGE TO CONFORM WITH THE LATEST EDITION OF STANDARD SIGNS FHWA MUTCD. ALL SIGNS SHALL BE MOUNTED ON BREAKAWAY SIGN POSTS.



R8-31D
12" x 18"

NOTE: SIGNAGE TO CONFORM WITH THE LATEST EDITION OF STANDARD SIGNS FHWA MUTCD. ALL SIGNS SHALL BE MOUNTED ON BREAKAWAY SIGN POSTS.



R3-2
24" x 24"

NOTE: SIGNAGE TO CONFORM WITH THE LATEST EDITION OF STANDARD SIGNS FHWA MUTCD. ALL SIGNS SHALL BE MOUNTED ON BREAKAWAY SIGN POSTS.

STOP SIGN

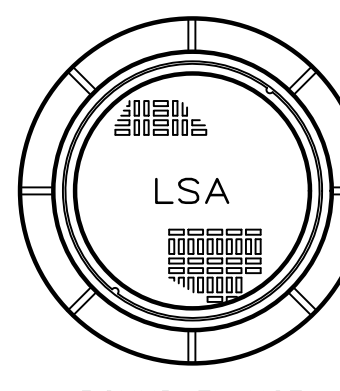
N.T.S.

NO PARKING FIRE LANE SIGN

N.T.S.

NO LEFT TURN SIGN

N.T.S.



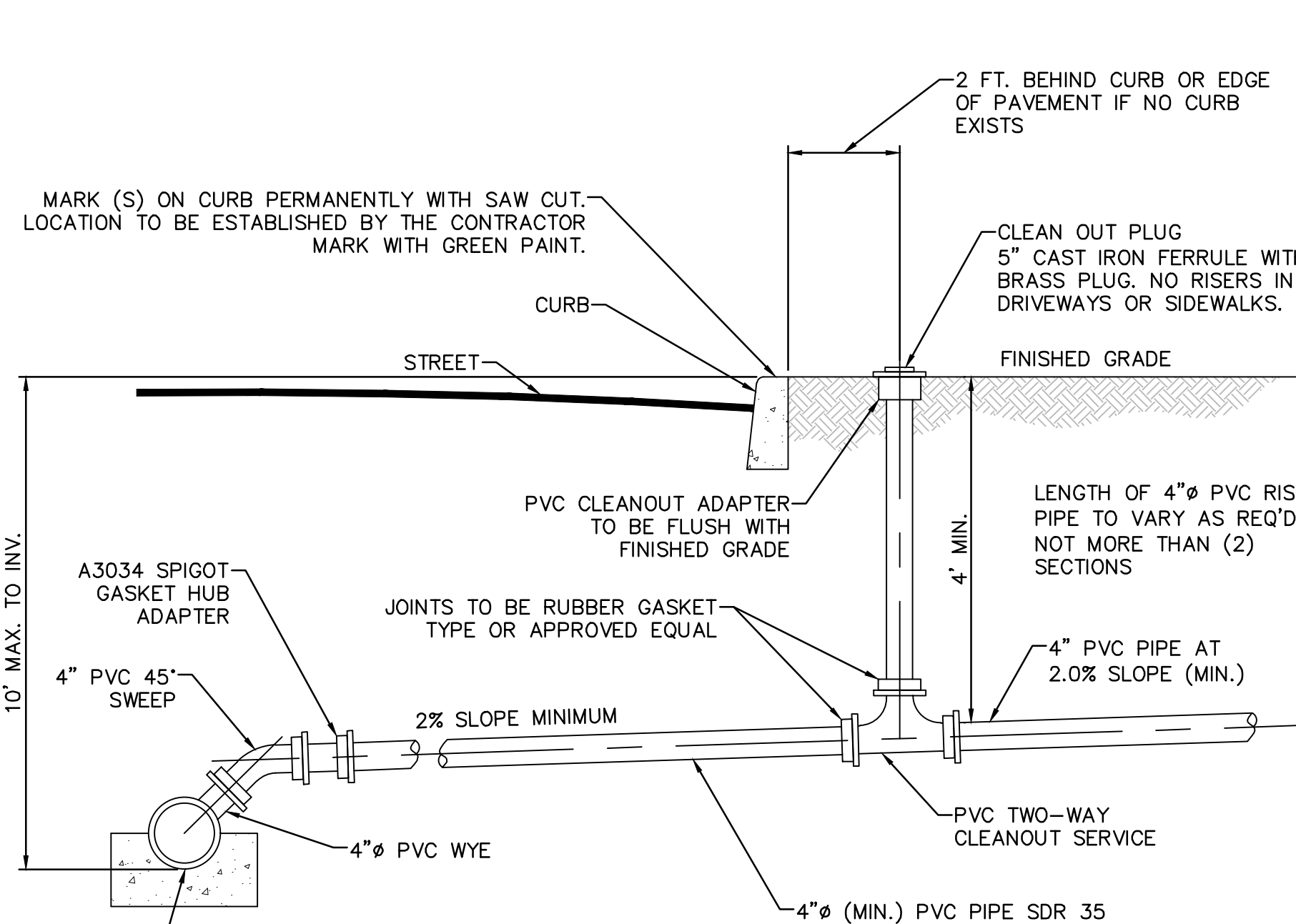
ROUND FLANGE

BRIDGESTATE FOUNDRY CORPORATION
PATTERN NUMBER 6548

1. MANHOLE FRAMES AND COVERS SHALL CONFORM TO ASTM A48, CLASS 30 OR DUCTILE IRON CONFORMING TO ASTM 5336 AND SHALL BE SUITABLE FOR H-20 LOADING CAPACITY.
2. CASTING SHALL BE SUPPLIED WITH: FLAT NEOPRENE GASKET, STEEL LOCK BAR, SILICON BRONZE EYE BOLT AND NON-PENETRATING PICKHOLES.

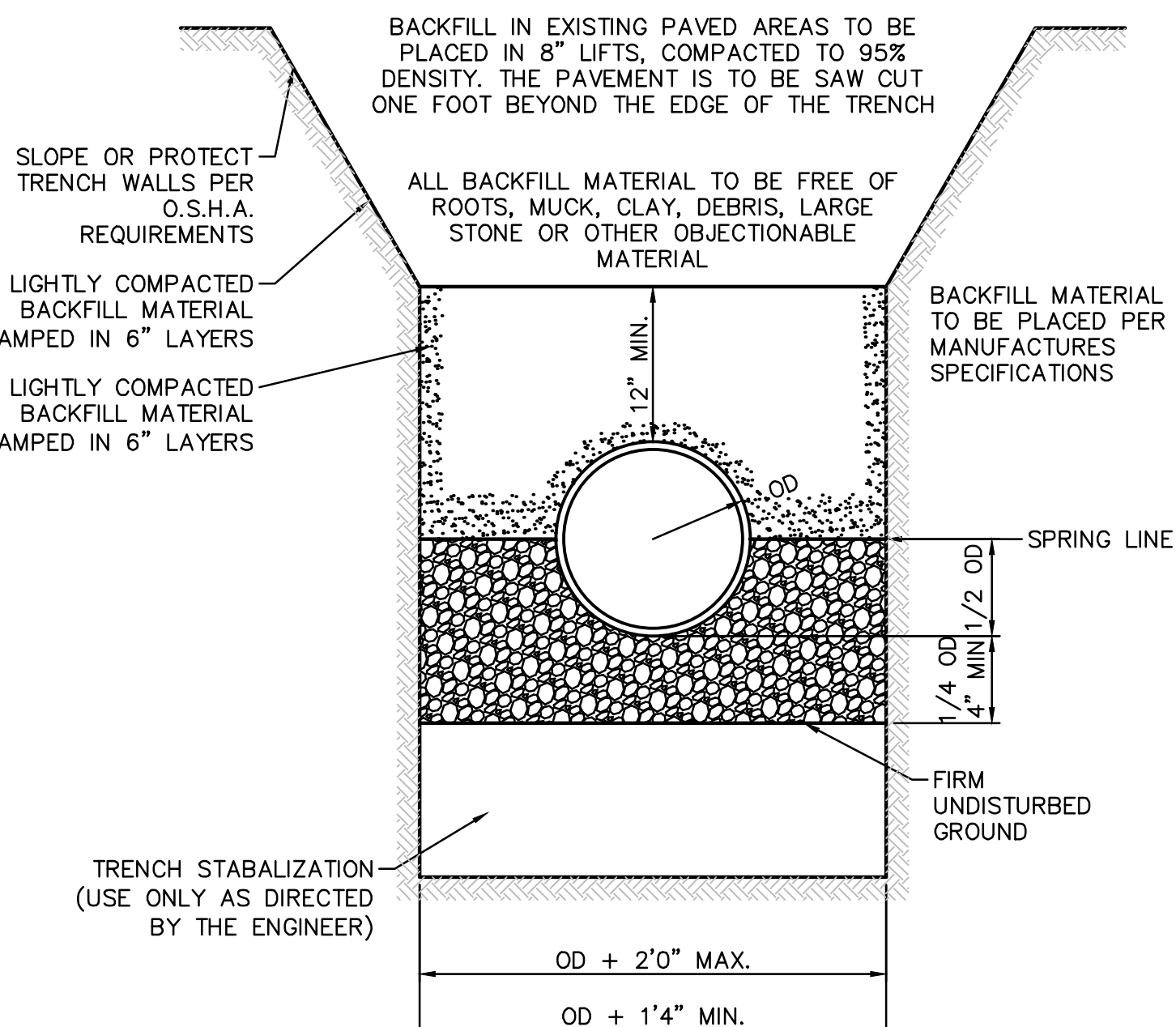
WATERTIGHT MANHOLE FRAME & COVER DETAIL

N.T.S.



SANITARY SEWER SERVICE LATERAL DETAIL

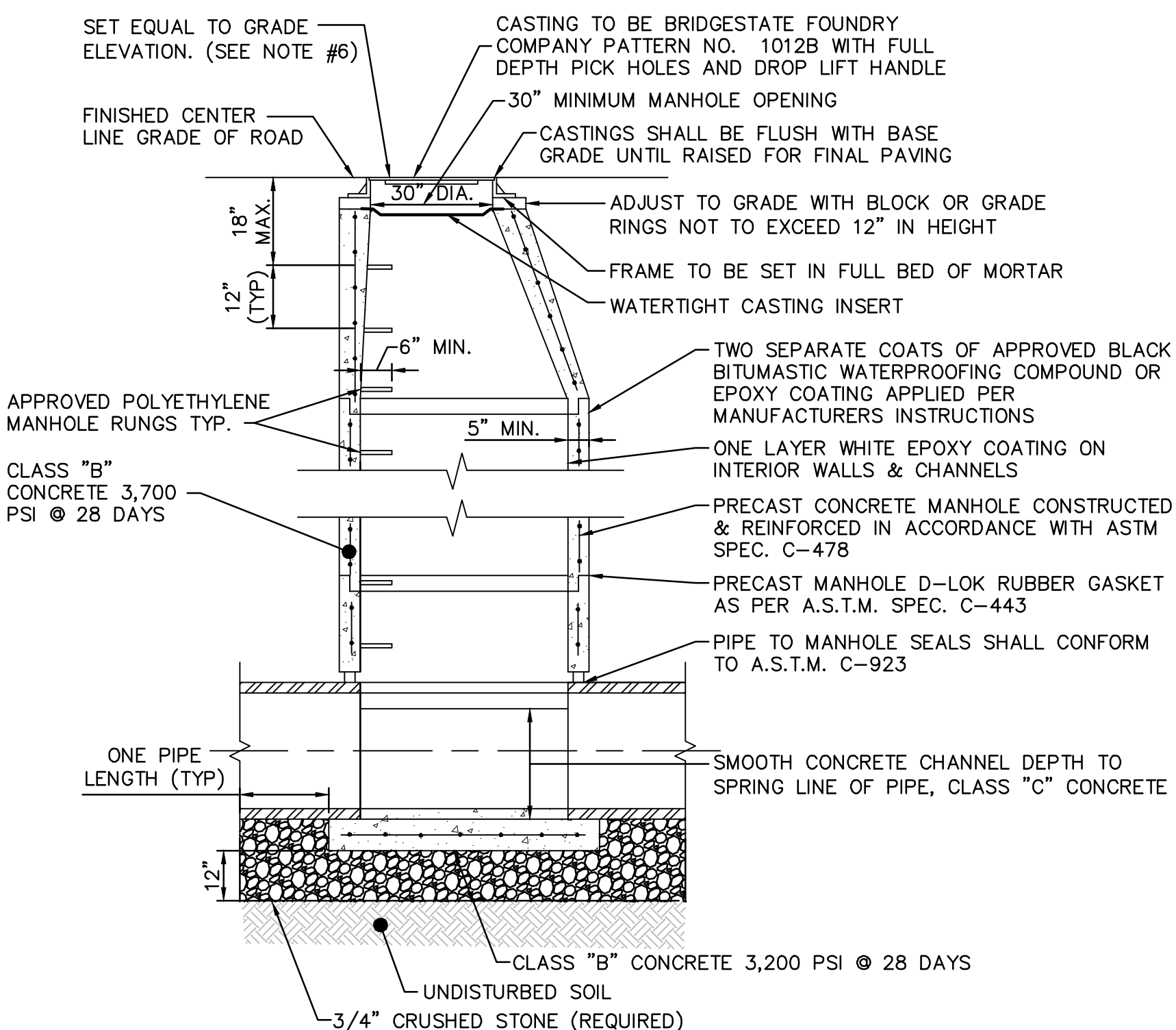
N.T.S.



SDR - 35 PVC SANITARY SEWER TRENCH DETAIL

N.T.S.

1. OD = OUTSIDE DIAMETER
2. INSTALL CLASS 52 D.I.P. WHEN THE DEPTH OF THE INSTALLATION IS LESS THAN 3'0" OR EXCEEDS 20'0".



NOTES:

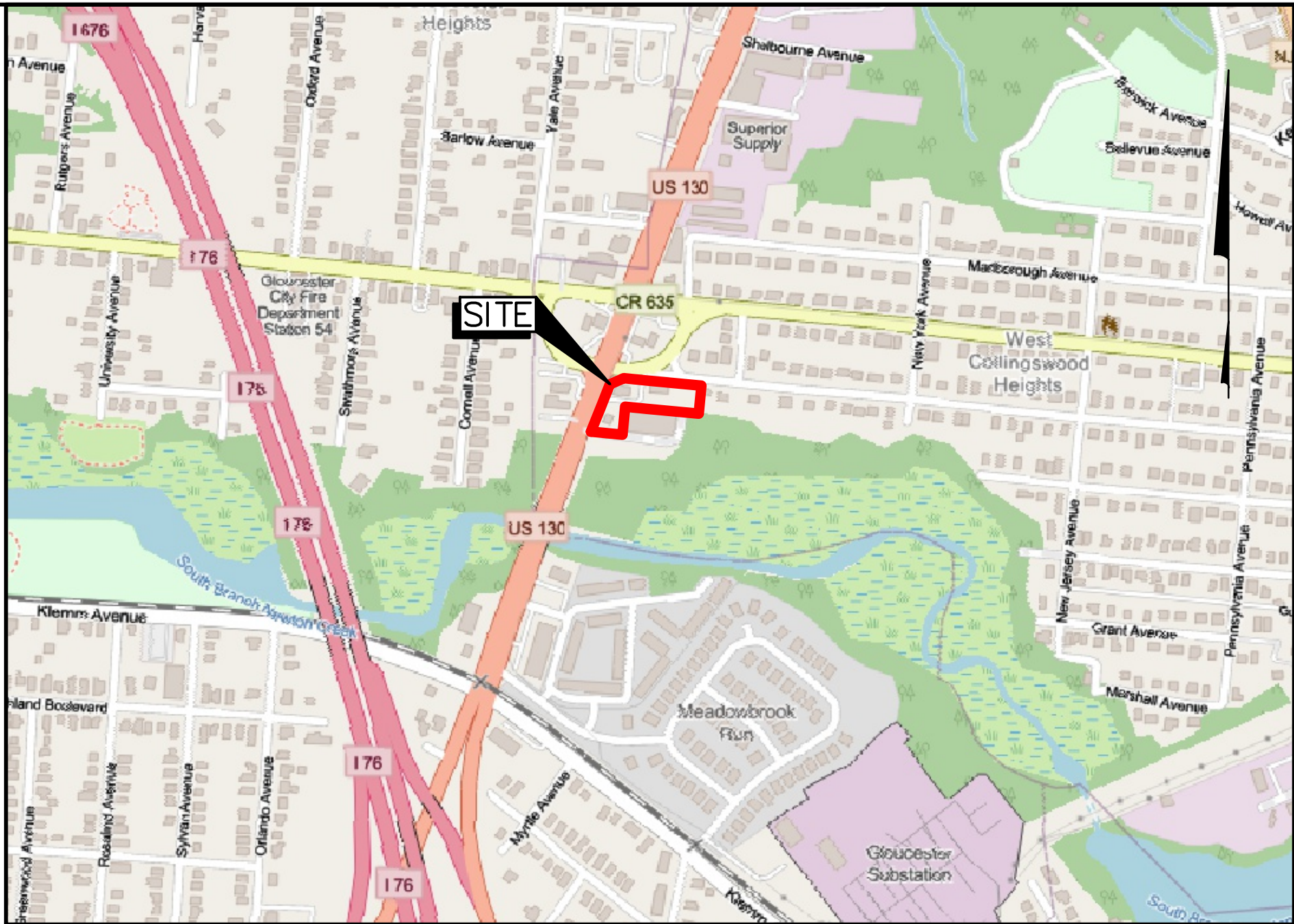
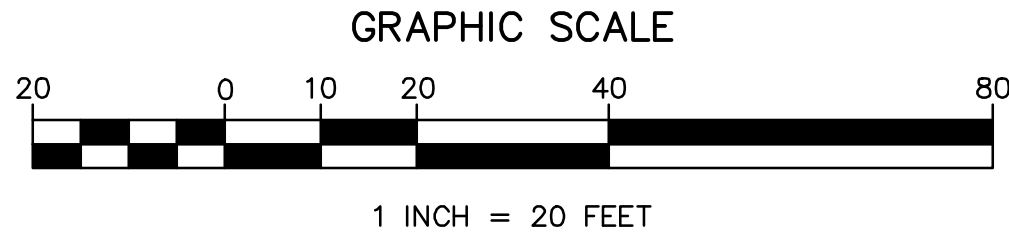
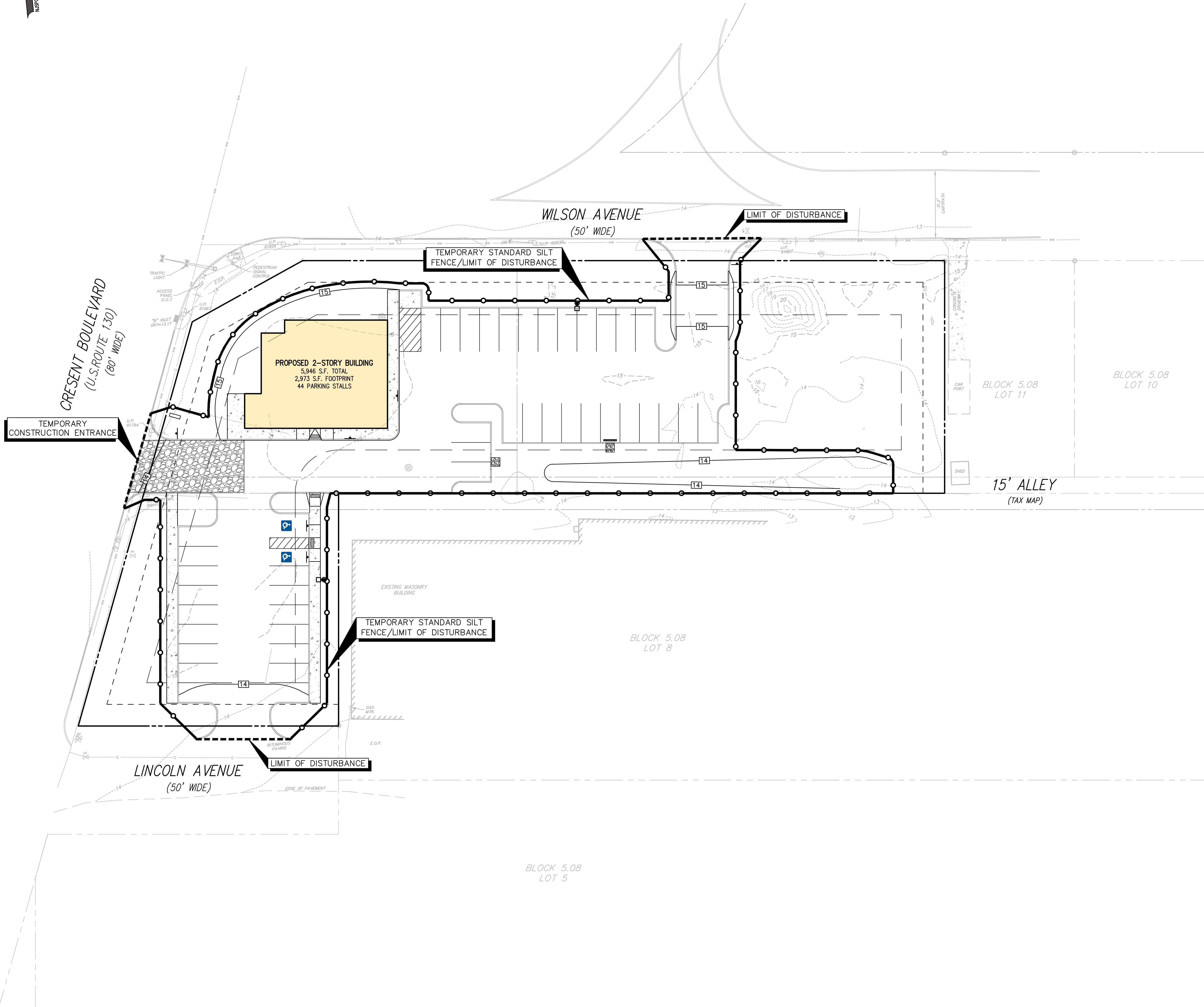
1. IN GENERAL, FLAT TOP MANHOLES ARE NOT ACCEPTED UNLESS OTHERWISE AUTHORIZED BY THE HADDON TOWNSHIP M.U.A. ENGINEER IN WRITING.
2. CRUSHED CONCRETE AND ASPHALT ARE NOT ACCEPTABLE SUBSTITUTES FOR CRUSHED STONE BASE.
3. BRIDGESTATE PATTERN NO. 1023A IS NOT ACCEPTABLE.
4. RING RISERS ARE NOT PERMITTED FOR ADJUSTMENT OF FINAL GRADE CASTINGS, PER ENGINEERS APPROVAL. RINGS MUST BE TACK WELDED (4-LOCATIONS) TO CASTINGS.
5. THERE IS TO BE ONE LAYER OF WHITE EPOXY COATING ON THE INTERIOR OF THE MANHOLE WALLS AND CHANNELS.
6. RING ELEVATION FOR THE MANHOLE CASTING SHALL BE SET EQUAL TO THE BASE COURSE GRADE ELEVATION, AND SUBSEQUENTLY RAISED TO THE TOP COURSE ELEVATION ONCE THE PAVING IS INSTALLED.

SANITARY SEWER PRECAST MANHOLE DETAIL

N.T.S.

12/30/2024	1	INITIAL SUBMISSION	CGK	DJF
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
CANNABIS RETAIL DEVELOPMENT				
BLOCK 5.08, LOTS 6, 14 & 14.01 HADDON TOWNSHIP, CAMDEN COUNTY, NEW JERSEY				
SITE DETAIL SHEET				
RBLJ PROPERTY HOLDINGS, LLC 50 W. BIG BEAVER ROAD TROY, MICHIGAN 48064				
DAVID J. FLEMING, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 246033321600				
12/30/2024 RBL 001.01				
MARATHON Engineering & Environmental Services Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24GA27995700				
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SCALE	AS NOTED	APPROVED		
DRAWN BY	CGK	DJF	10 OF 13	
C1101				

CREATED BY: MARATHON ENGINEERING & ENVIRONMENTAL SERVICES, INC. DATE: 12/30/2024



STREET LOCATION MAP

SCALE: 1" = 500'

EROSION NOTES

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL APPLY TO SUBSEQUENT OWNERS IF TITLE IS CONVEYED.
2. THIS PLAN IS TO BE USED FOR SOIL EROSION AND SEDIMENT CONTROL PURPOSES ONLY.
3. SOIL EROSION AND SEDIMENT CONTROL IMPLEMENTATION SHALL BE IN ACCORDANCE WITH STANDARDS SET FORTH BY THE CAMDEN COUNTY SOIL CONSERVATION DISTRICT.
4. ALL TOPSOIL STORAGE AREAS SHALL BE REMOVED PRIOR TO FINAL OCCUPANCY OF THE BUILDING AND AREA RESTORED TO PRE-DEVELOPMENT CONDITIONS.
5. SOIL HAVING A PH OF 4.0 OR LESS OR CONTAINING IRON SULFIDE MUST BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A PH OF 5.0 OR MORE BEFORE SEEDBED PREPARATION.
6. N.J.A.C. 4-24-39, ET. SOIL requires that upon permanent site stabilization and completion of construction the contractor shall apply to the soil conservation district for final compliance inspection to check that all the provisions of the certified soil erosion and sediment control plan have been complied with for permanent measures.
7. SEE DRAWING NUMBER C1301 FOR SOIL EROSION AND SEDIMENT CONTROL NOTES & DETAILS.

SOIL EROSION LEGEND

- TEMPORARY STANDARD SILT FENCE/LIMIT OF DISTURBANCE
- LIMIT OF DISTURBANCE
- TEMPORARY STABILIZED CONSTRUCTION ENTRANCE

SOILS DATA

URdB URBAN LAND, SANDY SUBSTRATUM 0-5% SLOPE "C" SOILS GROUP
Buub BUDDTOWN-LAND COMPLEX 0-5% SLOPE "D" SOILS GROUP
SOILS OBTAINED FROM NATURAL RESOURCES CONSERVATION SERVICES (NRCS) U.S. DEPARTMENT OF AGRICULTURE.
ALL SOIL EROSION AND SEDIMENT CONTROL IMPLEMENTATION SHALL BE IN ACCORDANCE WITH STANDARDS SET FORTH BY THE SOIL CONSERVATION DISTRICT.

LIMIT OF DISTURBANCE

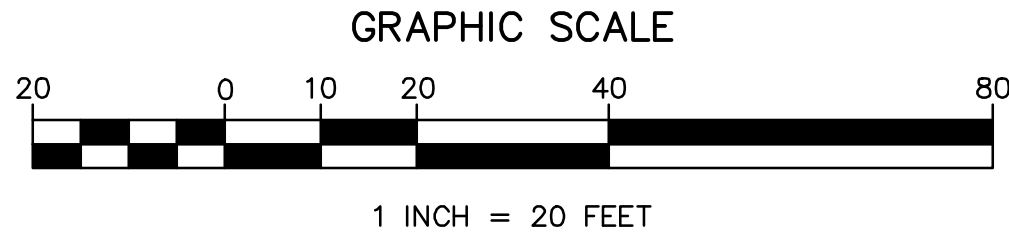
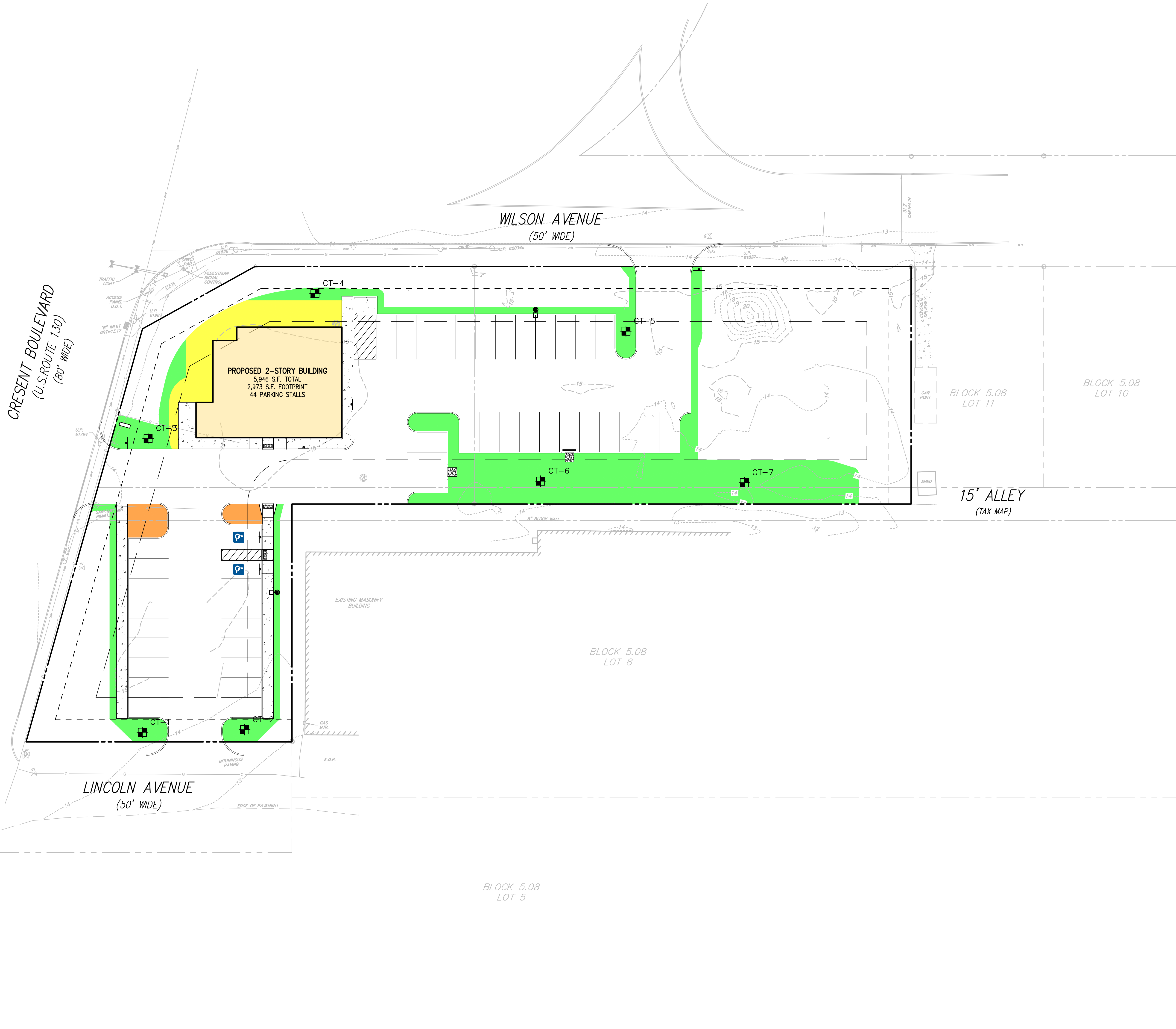
TOTAL AREA OF PROPOSED DISTURBANCE = 0.780 AC.

LEGEND

- SUBJECT PROPERTY LIMIT
- EXISTING RIGHT-OF-WAY LINE
- ADJACENT LOT LINE
- EXISTING MINOR CONTOUR LINE
- EXISTING MAJOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- PROPOSED MAJOR CONTOUR LINE

12/30/2024	1	INITIAL SUBMISSION	CGK	DJF
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
CANNABIS RETAIL DEVELOPMENT BLOCK 5.08, LOTS 6, 14 & 14.01 HADDON TOWNSHIP, CAMDEN COUNTY, NEW JERSEY				
SOIL EROSION & SEDIMENT CONTROL PLAN				
RBLJ PROPERTY HOLDINGS, LLC 50 W. BIG BEAVER ROAD TROY, MICHIGAN 48064				
DAVID J. FLEMING, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 246033321600 12/30/2024 RBL 001.01				
MARATHON Engineering & Environmental Services Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24GA27995700			SCALE 1" = 20' APPROVED D.J.F. DRAWN BY CGK SHEET 11 OF 13 DRAWING NO. C1201	

DATE: 12/30/2024 11:58 AM PROJECT: CANNABIS RETAIL DEVELOPMENT BLOCK 5.08 LOT 5



SOIL DE-COMPACTION AND TESTING REQUIREMENTS

SOIL COMPACTION TESTING REQUIREMENTS

- SUBGRADE SOILS PRIOR TO THE APPLICATION OF TOPSOIL (SEE PERMANENT SEEDING AND STABILIZATION NOTES FOR TOPSOIL REQUIREMENTS) SHALL BE FREE OF EXCESSIVE COMPACTION TO A DEPTH OF 6.0 INCHES TO ENHANCE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.
- AREAS OF THE SITE WHICH ARE SUBJECT TO COMPACTION TESTING AND/OR MITIGATION ARE GRAPHICALLY DENOTED ON THE CERTIFIED SOIL EROSION CONTROL PLAN.
- COMPACTION TESTING LOCATIONS ARE DENOTED ON THE PLAN. A COPY OF THE PLAN OR PORTION OF THE PLAN SHALL BE USED TO MARK LOCATIONS OF TESTS, AND ATTACHED TO THE COMPACTION REMEDIATION FORM, AVAILABLE FROM THE LOCAL SOIL CONSERVATION DISTRICT. THIS FORM MUST BE FILLED OUT AND SUBMITTED PRIOR TO RECEIVING A CERTIFICATE OF COMPLIANCE FROM THE DISTRICT.
- IN THE EVENT THAT TESTING INDICATES COMPACTION IN EXCESS OF THE MAXIMUM THRESHOLDS INDICATED FOR SIMPLIFIED TESTING METHOD (SEE DETAIL BELOW), THE CONTRACTOR/OWNER SHALL HAVE THE OPTION TO PERFORM EITHER (1) COMPACTION MITIGATION OVER THE ENTIRE MITIGATION AREA DENOTED ON THE PLAN (EXCLUDING EXEMPT AREAS), OR (2) PERFORM ADDITIONAL, MORE DETAILED TESTING TO ESTABLISH THE LIMITS OF EXCESSIVE COMPACTION WHEREUPON ONLY THE EXCESSIVELY COMPACTED AREAS WOULD REQUIRED COMPACTION MITIGATION. ADDITIONAL DETAILED TESTING SHALL BE PERFORMED BY A TRAINED, LICENSED PROFESSIONAL.

COMPACTION TESTING METHODS

- PROBING WIRE TEST (SEE DETAIL)
- HAND-HELD PENETROMETER TEST (SEE DETAIL)
- TUBE BULK DENSITY TEST (LICENSED PROFESSIONAL ENGINEER REQUIRED)
- NUCLEAR DENSITY TEST (LICENSED PROFESSIONAL ENGINEER REQUIRED)

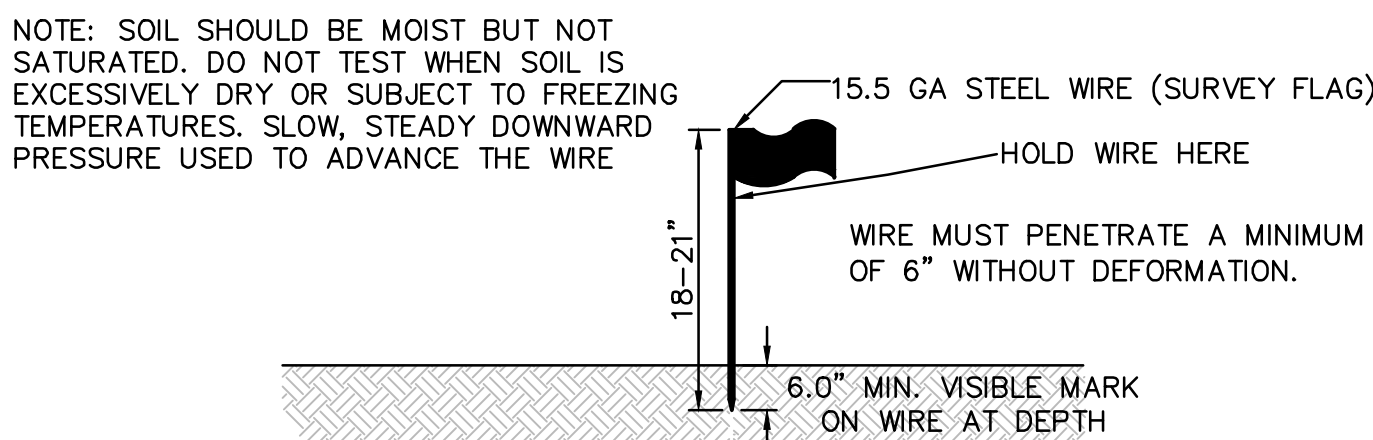
NOTE: ADDITIONAL TESTING METHODS WHICH CONFORM TO ASTM STANDARDS AND SPECIFICATIONS, AND WHICH PRODUCE A DRY WEIGHT, SOIL BULK DENSITY MEASUREMENT MAY BE ALLOWED SUBJECT TO DISTRICT APPROVAL.

SOIL COMPACTION TESTING IS NOT REQUIRED IF/WHEN SUBSOIL COMPACTION REMEDIATION (SCARIFICATION/TILLAGE (6" MINIMUM DEPTH) OR SIMILAR) IS PROPOSED AS PART OF THE SEQUENCE OF CONSTRUCTION.

PROCEDURES FOR SOIL COMPACTION MITIGATION

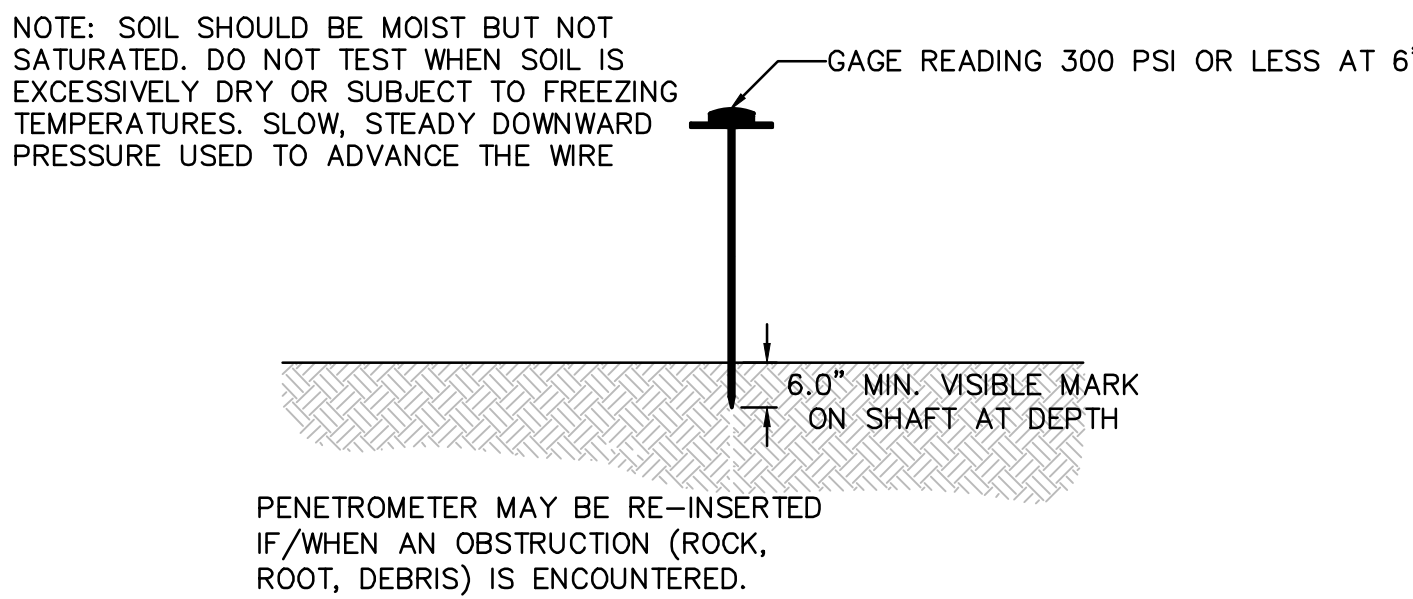
PROCEDURES SHALL BE USED TO MITIGATE EXCESSIVE SOIL COMPACTION PRIOR TO PLACEMENT OF TOPSOIL AND ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.

RESTORATION OF COMPACTED SOILS SHALL BE THROUGH DEEP SCARIFICATION/TILLAGE (6" MINIMUM DEPTH) WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLE, IRRIGATION SYSTEMS, ETC.). IN THE ALTERNATIVE, ANOTHER METHOD AS SPECIFIED BY A NEW JERSEY LICENSED PROFESSIONAL ENGINEER MAY BE SUBSTITUTED AND SUBJECT TO DISTRICT APPROVAL.



PROBING WIRE TEST

N.T.S.



HANDHELD SOIL PENETROMETER TEST

N.T.S.

LEGEND

- PERVIOUS AREAS OF DISTURBANCE WITHIN 12 FEET OF A STRUCTURE
- PERVIOUS AREAS OF DISTURBANCE UNDER 500 S.F.
- SOIL RESTORATION AREA - 0.162 ACRES (SOIL TESTING REQUIRED FOR PERVIOUS AREAS OF DISTURBANCE OVER 500 S.F.)
- CT-1 SOIL COMPACTION TEST REQUIRED (DISPERSED IN OPEN AREAS WITH FINAL LOCATIONS TO BE DETERMINED IN FIELD)

12/30/2024	1	INITIAL SUBMISSION	CGK	DJF
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CANNABIS RETAIL DEVELOPMENT				
BLOCK 5.08, LOTS 5, 14 & 14.01 HADDON TOWNSHIP, CAMDEN COUNTY, NEW JERSEY				
SOIL COMPACTION PLAN				
RBLJ PROPERTY HOLDINGS, LLC 50 W. BIG BEAVER ROAD TROY, MICHIGAN 48064				
DAVID J. FLEMING, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 24603321600				
12/30/2024				
RBL 001.01				
MARATHON Engineering & Environmental Services Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24GA27995700				
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SCALE: 1" = 20' D.F. 12 OF 13				
C1202				

DATE OF PRELIMINARY DESIGN: 10/1/2024
DATE OF FINAL DESIGN: 10/1/2024
DATE OF PRELIMINARY DESIGN: 10/1/2024
DATE OF FINAL DESIGN: 10/1/2024

GENERAL NOTES

- THE SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY LAND DISTURBANCE.

CAMDEN COUNTY SOIL CONSERVATION DISTRICT
408 COMMERCE LANE
WEST BERLIN, NJ 08091
(856) 767-6239
- SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY.
- A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN INCLUDING REVISION THEREOF MUST BE MAINTAINED ON THE PROJECT SITE DURING CONSTRUCTION.
- IN NO CASE SHALL THE CERTIFICATION OF THE PROJECT BY THE DISTRICT EXTEND BEYOND THREE AND ONE HALF YEARS OF THE ORIGINAL CERTIFICATION DATE.
- PRIOR TO ANY GRADING OPERATION AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES, A NOTICES REQUEST FOR AUTHORIZATION (RFA) FORM FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY MUST BE FILED WITH NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION ("NJDEP") IF THE CONSTRUCTION WILL DISTURB MORE THAN ONE ACRE. THE APPLICATION MUST BE COMPLETED BY THE ENTITY RESPONSIBLE FOR MAINTENANCE OF SOIL EROSION CONTROL MEASURES DURING CONSTRUCTION, TYPICALLY THE DEVELOPER OR CONTRACTOR. THE APPLICATION IS A SIMPLE FORM FILED ON THE NJDEP WEBSITE USING PROJECT CODES PROVIDED BY THE SOIL CONSERVATION DISTRICT. IF REQUIRED, THE ENGINEER WILL ASSIST THE DEVELOPER OR CONTRACTOR BY PROVIDING TECHNICAL INFORMATION TO COMPLETE THE APPLICATION.
- ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATION AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
- ANY CHANGES TO THE SITE PLAN WILL REQUIRE THE SUBMISSION OF A REVISED SOIL EROSION AND SEDIMENT CONTROL PLAN TO THE DISTRICT. THE REVISED PLAN MUST BE IN ACCORDANCE WITH THE CURRENT NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL.
- THE CONTRACTOR SHALL PERFORM ALL WORK, FURNISH ALL MATERIALS AND INSTALL ALL MEASURES REQUIRED TO REASONABLY CONTROL SOIL EROSION RESULTING FROM CONSTRUCTION OPERATIONS AND PREVENT EXCESSIVE FLOW OF SEDIMENT FROM THE CONSTRUCTION SITE.
- THE DISTRICT MAY REQUIRE ADDITIONAL SOIL EROSION MEASURES TO BE INSTALLED, AS DETERMINED BY THE DISTRICT
- OFFSITE LAND DISTURBANCE MAY REQUIRE ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES TO BE DETERMINED BY THE DISTRICT.
- STAGED CONSTRUCTION METHODS TO MINIMIZE EXPOSED SURFACES, WHERE APPLICABLE.
- THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- SOIL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AND AFTER EVERY STORM EVENT.
- APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.
- NUSA 4:24-39, ET SEQ. REQUIRES THAT NO CERTIFICATE OF OCCUPANCY, TEMPORARY OR PERMANENT, BE ISSUED BEFORE ALL PROVISIONS OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN HAVE BEEN COMPLIED WITH PERMANENT MEASURES. ALL SITE WORK FOR THE PROJECT MUST BE COMPLETED PRIOR TO THE DISTRICT ISSUING A REPORT OF COMPLIANCE AS A PREREQUISITE TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY BY THE MUNICIPALITY. INSPECTION FOR THE CERTIFICATE OF OCCUPANCY MUST BE SCHEDULED AT LEAST A WEEK IN ADVANCE.
- NUSA 4:24-39, ET SEQ., REQUIRES THAT UPON PERMANENT SITE STABILIZATION AND COMPLETION OF THE CONTRACTOR SHALL APPLY TO THE DISTRICT FOR FINAL COMPLIANCE INSPECTION TO CHECK THAT ALL THE PROVISIONS OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN HAVE BEEN COMPLIED WITH FOR PERMANENT MEASURES.
- ANY CONVEYANCE OF THIS PROJECT, OR PORTION THEREOF, PRIOR TO ITS COMPLETION WILL TRANSFER FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CERTIFIED PLAN TO ANY SUBSEQUENT OWNERS. THE DISTRICT MUST BE NOTIFIED IN WRITING OF ANY CHANGE IN OWNERSHIP.
- A CRUSHED STONE, TIRE CLEANING PAD WILL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS EXISTS. THE STABILIZED PAD WILL BE INSTALLED ACCORDING TO THE STANDARD. FOR STABILIZED CONSTRUCTION ACCESS THE PAD MUST BE 100 FEET IN LENGTH AND THE STONE MUST BE 1.5 - 4 INCHES IN SIZE, PLACED 12" THICK AND THE FULL WIDTH OF THE ENTRANCE. THE PAD SHALL BE UNDERLAIN WITH A SUITABLE SYNTHETIC FILTER FABRIC AND MAINTAINED. IF A CONSTRUCTION ACCESS IS TO BE USED AS AN EXIT ONTO A MAJOR HIGHWAY, A THIRTY (30) PAVED TRANSITION AREA SHALL BE INSTALLED. CONSTRUCTION ACCESS ONTO INDIVIDUAL LOTS MUST BE STABILIZED WITH 2.5" CRUSHED STONE OR SUBBASE.
- PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
- ALL STORM DRAINAGE OUTLETS SHALL BE STABILIZED AS REQUIRED BEFORE THE DISCHARGE POINT BECOMES OPERATION.
- NATURAL VEGETATION AND SPECIES SHALL BE RETAINED WHERE SPECIFIED ON THE LANDSCAPE PLAN.
- ADJOINING PROPERTIES SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS ON THE CONSTRUCTION SITE.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFFSITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.
- IMMEDIATELY AFTER THE COMPLETION OF STRIPPING AND STOCKPILING OF TOPSOIL, THE STOCKPILE MUST BE STABILIZED ACCORDING TO THE STANDARD FOR TEMPORARY VEGETATIVE COVER. STABILIZE TOPSOIL PILE WITH STRAW MULCH FOR PROTECTION IF THE SEASON DOES NOT PERMIT THE APPLICATION AND ESTABLISHMENT OF TEMPORARY SEEDING.
- ALL SOIL STOCKPILES ARE NOT TO BE LOCATED WITHIN FIFTY (50) FEET OF A FLOODPLAIN, SLOPE, ROADWAY OR DRAINAGE FACILITY AND THE BASE MUST BE PROTECTED WITH SEDIMENT BARRIER.
- MAXIMUM SLOPE SLOPES OF ALL EXPOSED SURFACES SHALL NOT BE CONSTRUCTED STEEPER THAN 3:1 UNLESS OTHERWISE APPROVED BY THE SOIL CONSERVATION DISTRICT.
- ALL CRITICAL AREAS SUBJECT TO SOIL EROSION WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH AT A RATE OF 92 POUNDS PER 1000 SQUARE FEET ACCORDING TO THE NEW JERSEY STANDARDS IMMEDIATELY FOLLOWING ROUGH GRADING.
- TEMPORARY AND PERMANENT SEEDING MEASURES MUST BE APPLIED ACCORDING TO THE NEW JERSEY STANDARDS, AND MULCHED WITH SALT HAY OR EQUIVALENT AND ANCHORED IN ACCORDANCE WITH THE NEW JERSEY STANDARDS (I.E. PEG AND TWINE, MULCH NETTING OR LIQUID MULCH BINDER)
- MAXIMUM SLOPE SLOPES OF ALL EXPOSED SURFACES SHALL NOT BE CONSTRUCTED STEEPER THAN 3:1 UNLESS OTHERWISE APPROVED BY THE SOIL CONSERVATION DISTRICT.
- ANY DISTURBED AREA THAT IS TO BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND FERTILIZATION IN ACCORDANCE WITH THE NEW JERSEY STANDARDS AND THEIR RATES SHOULD BE IN ACCORDANCE WITH THE TEMPORARY SEEDING SPECIFICATION. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREAS WILL BE MULCHED WITH SALT HAY OR THE EQUIVALENT AND ANCHORED IN ACCORDANCE WITH THE NEW JERSEY STANDARDS (I.E. PEG AND TWINE, MULCH NETTING OR LIQUID MULCH BINDER)
- MULCHING IS REQUIRED ON ALL SEEDED AREAS TO ENSURE AGAINST SOIL EROSION BEFORE GRASS IS ESTABLISHED TO PROMOTE EARLIER VEGETATION COVER.
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO PROVIDE CONFIRMATION OF LIME, FERTILIZER AND SEED APPLICATION AND RATES OF APPLICATION AT THE REQUEST OF THE SOIL CONSERVATION DISTRICT.
- ALL VEGETATIVE MATERIAL SHALL BE SELECTED IN ACCORDANCE WITH AMERICAN STANDARDS FOR NURSERY STOCK OF THE AMERICAN ASSOCIATION OF THE NURSERYMEN AND IN ACCORDANCE WITH THE NEW JERSEY STANDARDS.
- ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA. THE SEDIMENT FILTER MUST BE COMPOSED OF A SUITABLE FILTER FABRIC. (SEE DETAIL). THE SEDIMENT FILTER MUST BE CAPABLE OF FILTERING THE SEDIMENT AND BE PLACED SO AS NOT TO CAUSE EROSION OF THE DOWNSTREAM AREA. FIELD PLACEMENT AND USE OF THE STRUCTURE MUST BE APPROVED BY THE DISTRICT PRIOR TO COMMENCEMENT OF DEWATERING ACTIVITIES.
- DUST IS TO BE CONTROLLED BY AN APPROVED METHOD ACCORDING TO THE NEW JERSEY STANDARDS AND INCLUDE WATERING WITH A SOLUTION OF CALCIUM CHLORIDE AND WATER.
- METHODS FOR THE MANAGEMENT OF HIGH ACID PRODUCING SOILS SHALL BE IN ACCORDANCE WITH THE NEW JERSEY STANDARDS. HIGH ACID PRODUCING SOILS ARE THOSE FOUND TO CONTAIN IRON SULFIDES OR HAVE A PH OF 4.0 OR LESS.

WORK HOURS AND NOISE CONTROL

- CONSTRUCTION HOURS
A. MONDAY THRU FRIDAY: 7:00AM-6:00PM
B. SATURDAY: 8:00AM-4:30PM
C. SUNDAY: NO WORK TO BE PERFORMED.
D. THE HOURS STATED SHALL BE ADHERED TO UNLESS DUE TO WEATHER AND/OR SCHEDULE CHANGES. THE CITY OF ABSECON SHALL BE NOTIFIED OF ALL TIME CHANGES.
- NOISE CONTROL EQUIPMENT TO BE UTILIZED SHALL BE STANDARD EARTH MOVING EQUIPMENT, GRADERS, MIXERS, ETC. WHICH MEET STANDARDS ESTABLISHED BY STATE AND FEDERAL LAWS REGARDING THE AMOUNT OF NOISE PRODUCED.

DETAILED CONSTRUCTION SEQUENCE

- INSTALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES.
 - PLACE STABILIZED CONSTRUCTION ENTRANCE WHERE INDICATED ON PLAN.
 - PLACE SILT FENCE AND INLET PROTECTION FOR EXISTING INLETS WHERE INDICATED ON PLAN.
- CLEAR AND GRUB CONSTRUCTION AREA.
- ROUGH GRADE PAVEMENT AREA BED AND BUILDING PADS
- INSTALL UNDERGROUND UTILITIES AND COMMENCE BUILDING CONSTRUCTION
- CONSTRUCT CURBING AND SUBBASE FOR PAVEMENT AREAS.
- CONSTRUCT BASE PAVEMENT COURSE.
- LANDSCAPE AS NECESSARY.
- CONSTRUCT FINAL PAVEMENT COURSE.
- REMOVE SOIL CONSERVATION MEASURES WHEN CONSTRUCTION IS COMPLETED AND/OR SITE IS STABILIZED.
- REQUEST REPORT OF COMPLIANCE FROM THE SOIL CONSERVATION DISTRICT.

TEMPORARY AND PERMANENT STABILIZATION

STABILIZATION COVER SHALL BE ACCOMPLISHED BY THE FOLLOWING METHODS AND MATERIALS:

- SITE PREPARATION
 - PREPARE SUBGRADE AS NEEDED AND FEASIBLE TO ALLOW USE OF CONVENTIONAL EQUIPMENT FOR TOPSOILING, SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING.
 - INSTALL NEEDED SOIL EROSION CONTROL PRACTICES OR MEASURES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES.
 - THE SUBGRADE SHALL BE FREE OF EXCESSIVE COMPACTION TO A DEPTH OF 6 INCHES TO ENHANCE THE ESTABLISHMENT OF VEGETATIVE COVER. IF TESTING INDICATES EXCESSIVE SUBGRADE COMPACTION, THE SUBGRADE SHALL BE DE-COMPACTED TO A DEPTH OF 6 INCHES PRIOR TO THE APPLICATION OF TOPSOIL. THE SUBGRADE SHALL BE SCARIFIED TO A DEPTH OF 6" TO 12" WHERE THERE HAS BEEN EXCESSIVE SOIL COMPACTION. THIS PRACTICE IS PERMISSIBLE ONLY IN AREAS WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.).
 - THE SUBGRADE SHALL BE TESTED TO DETERMINE WHETHER COMPACTION EXCEEDS THE MAXIMUM THRESHOLDS INDICATED FOR THE SIMPLIFIED TESTING METHODS. THE TEST SHALL BE PERFORMED AT ONE-HALF ACRE INTERVALS FOR SITES ONE ACRE OR MORE. FOR SITES LESS THAN ONE ACRE, AT LEAST TWO TESTS ARE REQUIRED REGARDLESS OF THE SIZE. CONTIGUOUS AREAS OF 500 SQUARE FEET OR LESS ARE EXEMPT FROM TESTING OR REMEDIATION. COMPACTION TESTING METHODS SHALL INCLUDE (1) PROBING WIRE TEST, (2) HAND-HELD PENETROMETER TEST, (3) TUBE BULK DENSITY TEST, OR (4) NUCLEAR DENSITY TEST. THE MAXIMUM THRESHOLD FOR THE PROBING WIRE TEST IS DETERMINED IF A 15 GAGE WIRE BENDS WHEN INSERTED INTO THE SUBGRADE TO A DEPTH OF 6 INCHES OR FOR THE PENETROMETER TEST IF THE PRESSURE AT A DEPTH OF 6 INCHES IS 300 PSI OR MORE. IF COMPACTION EXCEEDS THE MAXIMUM THRESHOLD, THE CONTRACTOR SHALL HAVE THE OPTION TO PERFORM EITHER (1) COMPACTION MITIGATION OVER THE ENTIRE MITIGATION AREA, OR (2) PERFORM ADDITIONAL MORE DETAILED TESTING TO ESTABLISH THE LIMITS OF EXCESSIVE COMPACTION WHEREUPON ONLY THE EXCESSIVELY COMPACTED AREAS WOULD REQUIRE COMPACTION MITIGATION. ADDITIONAL DETAILED TESTING SHALL BE PERFORMED BY A TRAINED, LICENSED PROFESSIONAL.
 - STRIPPING AND STOCKPILING
 - FIELD EXPLORATION SHOULD BE MADE TO DETERMINE WHETHER QUANTITY AND/OR QUALITY OF SURFACE SOIL JUSTIFIES STRIPPING.
 - STRIPPING SHOULD BE CONFINED TO THE IMMEDIATE CONSTRUCTION AREA.
 - WHERE FEASIBLE, LIME MAY BE APPLIED BEFORE STRIPPING AT A RATE DETERMINED BY SOIL TEST TO BRING THE SOIL PH TO APPROXIMATELY 6.5. IN LIEU OF SOIL TEST, SEE LIME RATE GUIDE IN SEEDBED PREPARATION.
 - A 4 TO 6 INCH STRIPPING DEPTH IS COMMON, BUT MAY VARY DEPENDING ON THE PARTICULAR SOIL.
 - STOCKPILES OF TOPSOIL SHOULD BE SITUATED SO AS NOT TO OBSTRUCT NATURAL DRAINAGE OR CAUSE OFF-SITE ENVIRONMENTAL DAMAGE.
 - STOCKPILES OF TOPSOIL SHOULD BE VEGETATED IN ACCORDANCE WITH STANDARDS FOR PERMANENT OR TEMPORARY STABILIZATION. WEEDS SHOULD NOT BE ALLOWED TO GROW ON STOCKPILES.
 - TOPSOILING - THE CONTRACTOR SHALL PREPARE AREAS TO BE STABILIZED WITH PERMANENT VEGETATIVE COVER BY APPLYING TOPSOIL TO A UNIFORM DEPTH OF 6 INCHES. TOPSOIL SHOULD BE FRIABLE, LOAMY, FREE OF DEBRIS, OBJECTIONABLE WEEDS AND STONES, AND CONTAIN NO TOXIC SUBSTANCE OR ADVERSE CHEMICAL OR PHYSICAL CONDITION THAT MAY BE HARMFUL TO PLANT GROWTH. SOLUBLE SALTS SHOULD NOT BE EXCESSIVE (CONDUCTIVITY LESS THAN 0.5 MILLIMHOS PER CENTIMETER, MORE THAN 0.5 MILLIMHOS MAY DESICATE SEEDLINGS AND ADVERSELY IMPACT GROWTH). TOPSOIL HAULED IN FROM OFFSITE SHOULD HAVE A MINIMUM ORGANIC MATTER CONTENT OF 2.75 PERCENT. ORGANIC MATTER CONTENT MAY BE RAISED BY ADDITIVES.
- TOPSOIL SUBSTITUTES MAY BE UTILIZED ON SITES WITH INSUFFICIENT TOPSOIL FOR ESTABLISHING PERMANENT VEGETATION. TOPSOIL SUBSTITUTE IS A SOIL MATERIAL WHICH MAY HAVE BEEN AMENDED WITH SAND, SILT, CLAY, ORGANIC MATTER, FERTILIZER OR LIME AND HAS THE APPEARANCE OF TOPSOIL. ALL TOPSOIL SUBSTITUTE MATERIALS SHALL MEET THE REQUIREMENTS OF TOPSOIL NOTED ABOVE. SOIL TESTS SHALL BE PERFORMED TO DETERMINE THE COMPONENTS OF SAND, SILT, CLAY, ORGANIC MATTER, SOLUBLE SALTS AND PH LEVEL.
- SEEDBED PREPARATION - APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TESTS SUCH AS THOSE OFFERED BY RUTGERS UNIVERSITY SOIL TESTING LABORATORY. SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL COOPERATIVE EXTENSION SERVICE OFFICE. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES OR WHERE TIMING IS CRITICAL, THE CONTRACTOR MAY APPLY PULVERIZED DOLOMITE LIMESTONE AT THE RATE OF 90 POUNDS PER 1000 SQUARE FEET. APPLY 10-20 TO FERTILIZER OR EQUIVALENT AT THE RATE OF 11 POUNDS PER 1000 SQUARE FEET. IN ADDITION 300 LB-0-0 PER ACRE EQUIVALENT OF SLOW RELEASE NITROGEN MAY BE USED IN LIEU OF TOPDRESSING. APPLY LIMESTONE (EQUIVALENT TO 50 PERCENT CALCIUM PLUS MAGNESIUM OXIDES) AS FOLLOWS:

SOIL TEXTURE	TONS / ACRE
CLAY, CLAY LOAM & HIGH ORGANIC SOIL	4
SANDY LOAM, LOAM & SILT LOAM	3
LOAMY SAND, SAND	2

THE LIME AND FERTILIZER SHALL THEN BE "WORKED" INTO THE SOIL TO A DEPTH OF 4" WITH A DISC, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT.
- TEMPORARY VEGETATION SEEDING - ESTABLISH TEMPORARY VEGETATIVE COVER ON SOILS EXPOSED FOR PERIODS OF TWO TO SIX MONTHS WHICH ARE NOT BEING GRADED, NOT UNDER ACTIVE CONSTRUCTION OR NOT SCHEDULED FOR PERMANENT SEEDING WITHIN 60 DAYS. SEEDING SHALL CONSIST OF PERENNIAL RYEGRASS APPLIED AT THE RATE OF 1 POUND PER 1000 SQUARE FEET DURING WARM SEASON OR WEEPING LOVEGRASS AT 5 LBS. PER ACRE DURING WARM SEASON PLANTING.
 - PERMANENT VEGETATION SEEDING - IMMEDIATELY FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES AT THE SITE, THE CONTRACTOR SHALL STABILIZE WITH PERMANENT VEGETATIVE COVER, ALL EXPOSED AND DISTURBED SOILS.

#15 MIXTURE (LAWN)	LBS/ACRE	LBS/1000 S.F.
HARD FESCUE	130	3.00
CHEWING FESCUE	45	1.00
STRONG CREEPING RED FESCUE	45	1.00
PERENNIAL RYEGRASS	10	0.25

#11 MIXTURE (SWALE)	LBS/ACRE	LBS/1000 S.F.
KENTUCKY BLUEGRASS	45	1.00
TURF-TYPE TALL FESCUE	22	0.50

IF HYDROSEEDING IS USED ALL SEEDING RATES SHALL BE INCREASED BY 25% IF SODDING IS USED SEE SOD SPECIFICATIONS.

- SEEDING DATES - SEEDING DATES FOR VEGETATION SHALL OCCUR BETWEEN MARCH 1 AND APRIL 30 (OPTIMAL PLANTING PERIOD) OR BETWEEN AUGUST 15 AND NOVEMBER 15. IF SEED IS NOT PLANTED WITHIN THESE DATES, THE CONTRACTOR SHALL STABILIZE WITH MULCH AS SPECIFIED ABOVE.
- MULCHING - THE CONTRACTOR SHALL MULCH ALL NEWLY SEEDDED AREAS WITH UNROTTED SMALL GRAIN STRAW OR HAY FREE OF SEEDS AT THE RATE OF 70 TO 90 POUNDS PER 1,000 SQUARE FEET. IT SHALL BE ANCHORED THROUGH THE USE OF THE PEG AND TWINE METHOD. THE PEG AND TWINE METHOD OF MULCH ANCHORING SHALL CONSIST OF DRIVING 8-10 INCH WOODEN PEGS TO WITHIN 2-3 INCHES OF THE SOIL SURFACE EVERY 4 FEET IN ALL DIRECTIONS. STAKES MAY BE DRIVEN BEFORE OR AFTER APPLYING MULCH. SECURE MULCH TO SOIL SURFACE BY STRETCHING TWINE BETWEEN PEGS IN CRISS-CROSS AND A SQUARE PATTERN. SECURE TWINE AROUND EACH PEG WITH TWO OR MORE ROUND TURNS.
- SODDING
 - CULTIVATED SOD IS PREFERRED OVER NATIVE SOD. SPECIFY "CERTIFIED SOD", OR OTHER HIGH QUALITY CULTIVATED SOD. SOD SHOULD BE FREE OF WEEDS AND UNDERSIRABLE COARSE WEEDY GRASSES. SOD SHOULD BE OF UNIFORM THICKNESS, APPROXIMATELY 5/8 INCH, PLUS OR MINUS 1/4 INCH, AT TIME OF CUTTING. (EXCLUDES TOP GROWTH). SOD SHOULD BE VIGOROUS AND DENSE AND BE ABLE TO RETAIN ITS OWN SHAPE AND WEIGHT WHEN SUSPENDED VERTICALLY WITH A FIRM GRASP FROM THE UPPER 10 PERCENT OF THE STRIP. BROKEN PADS OR TORN OR UNEVEN ENDS WILL NOT BE ACCEPTED. FOR DROUGHTY SITES, A SOD OF KENTUCKY 31 TALL FESCUE AND BLUEGRASS IS PREFERRED OVER A STRAIGHT BLUEGRASS SOD. ONLY MOIST, FRESH, UNHEATED SOD SHOULD BE USED. SOD SHOULD BE HARVESTED, DELIVERED AND INSTALLED WITHIN A PERIOD OF 36 HOURS.
 - REMOVE FROM THE SURFACE ALL OBJECTS THAT WOULD PREVENT GOOD SOD TO SOIL CONTACT AND REMOVE ALL OTHER DEBRIS SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, LUMPS OR OTHER UNSUITABLE MATERIAL.
 - INSPECT SITE JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED AND FIRMED AS ABOVE.
 - SOD PLACEMENT:
 - SOD STRIPS SHOULD BE LAID ON THE CONTOUR, NEVER UP AND DOWN THE SLOPE. STARTING AT THE BOTTOM OF THE SLOPE AND WORKING UP, ON STEEP SLOPES, THE USE OF LADDERS WILL FACILITATE THE WORK AND PREVENT DAMAGE TO THE SOD. DURING PERIODS OF HIGH TEMPERATURE, LIGHTLY IRRIGATE THE SOD IMMEDIATELY PRIOR TO LAYING THE SOD.
 - PLACE SOD STRIPS WITH SNUG, EVEN JOINTS THAT ARE STAGGERED. OPEN SPACES INVITE EROSION.
 - ROLL OR PUMP SOD IMMEDIATELY FOLLOWING PLACEMENT TO INSURE SOLID CONTACT OF ROOT MAT AND SOIL SURFACE. DO NOT OVERWATER. SOD SHOULD BE BUTTED TIGHTLY IN ORDER TO PREVENT VOIDS WHICH WOULD CAUSE DRYING OF THE ROOTS.
 - ON SLOPES GREATER THAN 3:1, SECURE SOD TO SURFACE SOIL WITH WOOD PEGS, WIRE STAPLES, OR SPLIT SHINGLES (8" TO 10" LONG BY 3/4" WIDE).
 - SURFACE WATER CANNOT ALWAYS BE DIVERTED FROM FLOWING OVER THE FACE OF THE SLOPE, BUT A CAPPING STRIP OF HEAVY JUTE OR PLASTIC SHOULD BE PROPERLY SECURED ALONG THE CROWN OF THE SLOPE AND EDGES WILL PROVIDE EXTRA PROTECTION AGAINST LIFTING AND UNDERCUTTING OF SOD. THE SAME TECHNIQUE CAN BE USED TO ANCHOR SOD IN WATER-CARRYING CHANNELS AND OTHER CRITICAL AREAS. WIRE STAPLES MUST BE USED TO ANCHOR NETTING IN CHANNEL WORK.
 - IMMEDIATELY FOLLOWING INSTALLATION, SOD SHOULD BE WATERED UNTIL MOISTURE PENETRATES THE SOIL LAYER BENEATH SOD TO A DEPTH OF 4 INCHES. MAINTAIN OPTIMUM MOISTURE FOR AT LEAST TWO WEEKS.
 - TOPDRESSING - IF SLOW RELEASE NITROGEN (300 POUNDS 38-0-0 PER ACRE OR EQUIVALENT) IS USED IN ADDITION TO SUGGESTED FERTILIZER, THEN A FOLLOW-UP OF TOPDRESSING IS NOT MANDATORY.

FALL INSTALLATION OF SOD WILL REQUIRE AN APPLICATION OF FERTILIZER SUCH AS 10-20-10 OR EQUIVALENT AT 400 POUNDS PER ACRE OR 10 POUNDS PER 1000 SQUARE FEET BETWEEN SEPTEMBER 1 AND OCTOBER 15.

MANAGEMENT OF HIGH ACID-PRODUCING SOILS

HIGH ACID-PRODUCING SOILS ARE SOILS WITH A PH OF 4.0 OR LESS OR CONTAIN IRON SULFIDE. HIGH ACID-PRODUCING SOILS MAY BE PRESENT IN UNDISTURBED SOILS AT VARYING DEPTHS, INCLUDING NEAR THE SOIL SURFACE TO EXCAVATIONS OR DEEP DISTURBANCES. ITS PRESENCE ON A SITE MAY BE SIGNIFICANT OR LIMITED IN THE SOIL PROFILE. HIGH ACID-PRODUCING SOILS ARE COMMONLY BLACK, DARK BROWN, GRAY OR GREENISH WITH SILVERY PYRITE OR MARCASITE NUGGETS OR FLAKES. ALTERNATIVELY, SANDY SOILS OR REDDISH, YELLOWISH OR LIGHT TO MEDIUM BROWN SOIL MATERIALS ARE USUALLY FREE OF HIGH ACID-PRODUCING DEPOSITS.

TO PREVENT OR LIMIT EXPOSURE AREA, TIME, AND SPREADING BY EQUIPMENT OR RAINFALL ON- AND OFF-SITE AND TO MINIMIZE EROSION, SEDIMENTATION AND ACID LEACHATE-RELATED DAMAGES, HIGH ACID-PRODUCING SOILS MAY BE EXPOSED DURING EXCAVATION AND LAND GRADING ACTIVITIES, OR MAY BE INTRODUCED IN DREDGED SEDIMENT. SOILS AND SEDIMENT CONTAINING IRON SULFIDE, CHARACTERIZED BY PYRITE OR MARCASITE NUGGETS OR GREENSANDS, ARE CHEMICALLY OXIDIZED WHEN EXPOSED TO AIR, PRODUCING SULFURIC ACID AND RESULT IN SOIL PH LEVELS FALLING TO PH 4.0 AND LOWER. MOST VEGETATION IS INCAPABLE OF GROWTH AT THIS PH LEVEL. ADJACENT LAND AND RECEIVING WATERS WILL BE NEGATIVELY IMPACTED BY THE ACID LEACHATE. CALCIUM-CONTAINING MATERIALS SUCH AS SIDEWALKS, CULVERTS AND OTHER STRUCTURES AND SOME METALLIC MATERIALS ARE ALSO SUSCEPTIBLE TO DEGRADATION. AGRICULTURAL LIMESTONE APPLIED AT RATES OF 8 TONS PER ACRE HAVE RESULTED IN ONLY A TEMPORARY BUFFERING EFFECT, AND "LIMING-ONLY" IS THEREFORE NOT CONSIDERED AN ACCEPTABLE MITIGATION PRACTICE.

METHODS AND MATERIALS OF MANAGING HIGH ACID-PRODUCING SOILS

- LIMIT THE EXCAVATION AREA AND EXPOSURE TIME WHEN HIGH ACID-PRODUCING SOILS ARE ENCOUNTERED.
- TOPSOIL STRIPPED FROM THE SITE SHALL BE STORED SEPARATELY FROM TEMPORARILY STOCKPILED HIGH ACID-PRODUCING SOILS.
- STOCKPILES OF HIGH ACID-PRODUCING SOIL SHOULD BE LOCATED ON LEVEL LAND TO MINIMIZE ITS MOVEMENT, ESPECIALLY WHEN THIS MATERIAL HAS A HIGH CLAY CONTENT.
- TEMPORARILY STOCKPILED HIGH ACID-PRODUCING SOIL MATERIAL TO BE STORED MORE THAN 48 HOURS SHOULD BE COVERED WITH PROPERLY ANCHORED, HEAVY GRADE SHEETS OF POLYETHYLENE WHERE POSSIBLE. IF NOT POSSIBLE, STOCKPILES SHALL BE COVERED WITH A MINIMUM OF 3 TO 6 INCHES OF WOOD CHIPS TO MINIMIZE EROSION OF THE STOCKPILE. SILT FENCE SHALL BE INSTALLED AT THE TOE OF THE SLOPE TO CONTAIN MOVEMENT OF THE STOCKPILED MATERIAL. TOPSOIL SHALL NOT BE APPLIED TO THE STOCKPILES TO PREVENT TOPSOIL CONTAMINATION WITH HIGH ACID-PRODUCING SOIL.
- HIGH ACID-PRODUCING SOILS WITH A PH OF 4.0 OR LESS OR CONTAINING IRON SULFIDE (INCLUDING BORROW FROM CUTS OR DREDGED SEDIMENT) SHALL BE ULTIMATELY PLACED OR BURIED WITH LIMESTONE APPLIED AT THE RATE OF 10 TONS PER ACRE (OR 450 POUNDS PER 1,000 SQUARE FEET OF SURFACE AREA) AND COVERED WITH A MINIMUM OF 12 INCHES OF SETTLED SOIL WITH A PH OF 5.0 OR MORE EXCEPT AS FOLLOWS:
 - AREAS WHERE TREES OR SHRUBS ARE TO BE PLANTED SHALL BE COVERED WITH A MINIMUM OF 24 INCHES OF SOIL WITH A PH OF 5 OR MORE.
 - DISPOSAL AREAS SHALL NOT BE LOCATED WITHIN 24 INCHES OF ANY SURFACE OF A SLOPE OR BANK, SUCH AS BERMS, STREAM BANKS, DITCHES, AND OTHERS, TO PREVENT POTENTIAL LATERAL LEACHING DAMAGES.
- EQUIPMENT USED FOR MOVEMENT OF HIGH ACID-PRODUCING SOILS SHOULD BE CLEANED AT THE END OF EACH DAY TO PREVENT SPREADING OF HIGH ACID-PRODUCING SOIL MATERIALS TO OTHER PARTS OF THE SITE, INTO STREAMS OR STORMWATER CONVEYANCES, AND TO PROTECT MACHINERY FROM ACCELERATED RUSTING.
- NON-VEGETATIVE EROSION CONTROL PRACTICES (STONE TRACKING PADS, STRATEGICALLY PLACED LIMESTONE CHIPS, SEDIMENT BARRIER, WOOD CHIPSP) SHALL BE INSTALLED TO LIMIT THE MOVEMENT OF HIGH ACID-PRODUCING SOILS FROM, AROUND, OR OFF THE

SITE.

- FOLLOWING BURIAL OR REMOVAL OF HIGH ACID-PRODUCING SOIL, TOPSOILING AND SEEDING OF THE SITE SEE TEMPORARY VEGETATIVE COVER FOR SOIL STABILIZATION, PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION, AND TOPSOILING). MONITORING MUST CONTINUE FOR A MINIMUM OF 6 MONTHS TO ENSURE THERE IS ADEQUATE STABILIZATION AND THAT NO HIGH ACID-PRODUCING SOIL PROBLEMS EMERGE. IF PROBLEMS STILL EXIST, THE AFFECTED AREA MUST BE TREATED AS INDICATED ABOVE TO CORRECT THE PROBLEM.

DUST CONTROL:

DUST CONTROL SHALL BE ACCOMPLISHED BY THE METHODS DESCRIBED BELOW.

MATERIAL	WATER DILUTION	TYPE OF NOZZLE	APPLY GALLONS/AC
ANIONIC ASPHALT EMULSION	7:1	COARSE SPRAY	1200
LATEX EMULSION	12.5:1	FINE SPRAY	235
RESIN IN WATER	4:1	FINE SPRAY	300
POLYACRYLAMIDE (PAM) - SPRAY ON POLYACRYLAMIDE (PAM) - DRY SPREAD	APPLY ACCORDING TO MANUFACTURER'S INSTRUCTIONS. MAY ALSO BE USED AS AN ADDITIVE TO SEDIMENT BASINS TO FLOCCULATE AND PRECIPITATE SUSPENDED COLLOIDS. SEE SEDIMENT BASIN STANDARD, P. 26-1		
ACIDULATED SOY BEAN SOAP STICK	NONE	COARSE SPRAY	1200

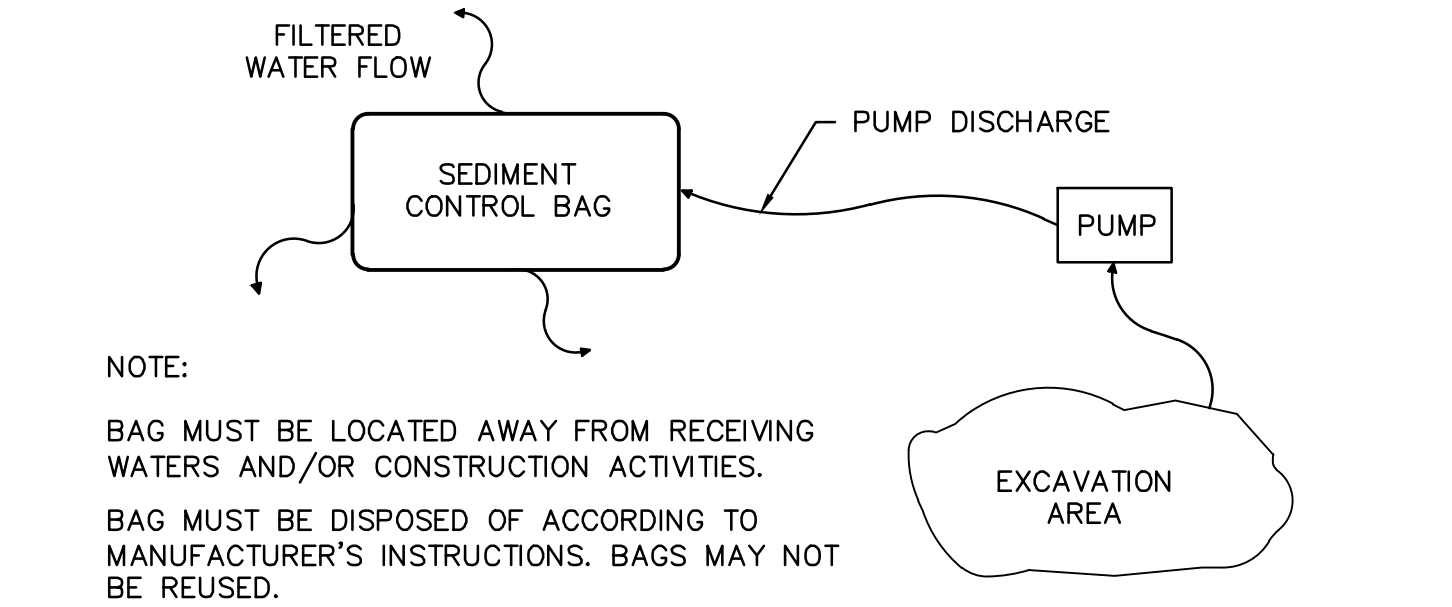
TILLAGE, TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS A TEMPORARY EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS PLACED ABOUT 12 INCHES APART, AND SPRING TOOTHED HARROWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.

SPRINKLING: SITE IS SPRINKLED UNTIL THE SURFACE IS WET.

BARRIERS: SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, CRATE WALLS, BALES OF HAY AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING.

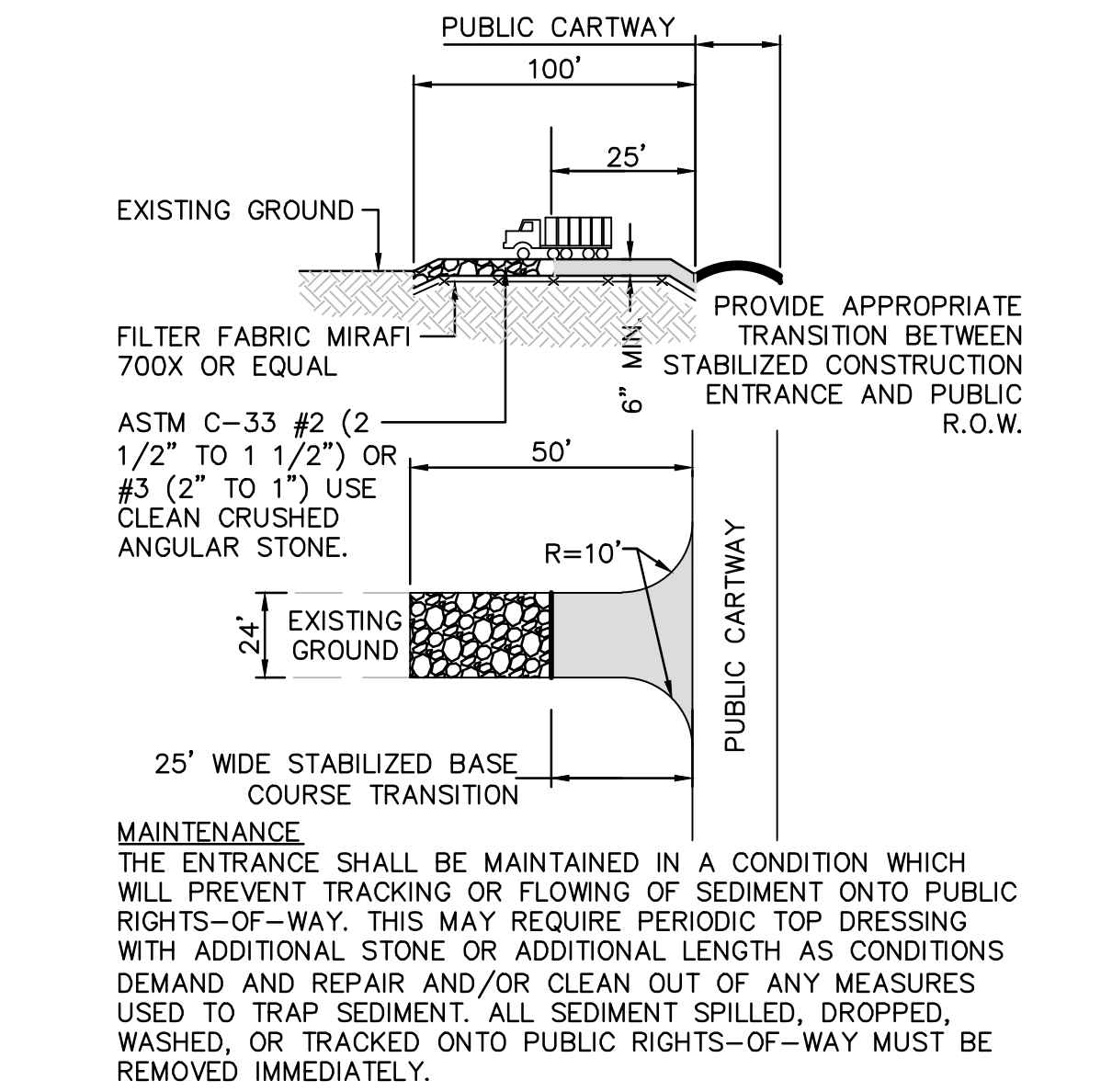
CALCIUM CHLORIDE: SHALL BE IN THE FORM OF LOOSE, DRY GRANULES OR FLAKES FINE ENOUGH TO FEED THROUGH COMMONLY USED SPREADERS AT A RATE THAT WILL KEEP SURFACE MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE. IF USED ON STEEPER SLOPES, THEN USE OTHER PRACTICES TO PREVENT WASHING INTO STREAMS, OR ACCUMULATION AROUND PLANTS.

STONE: COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.



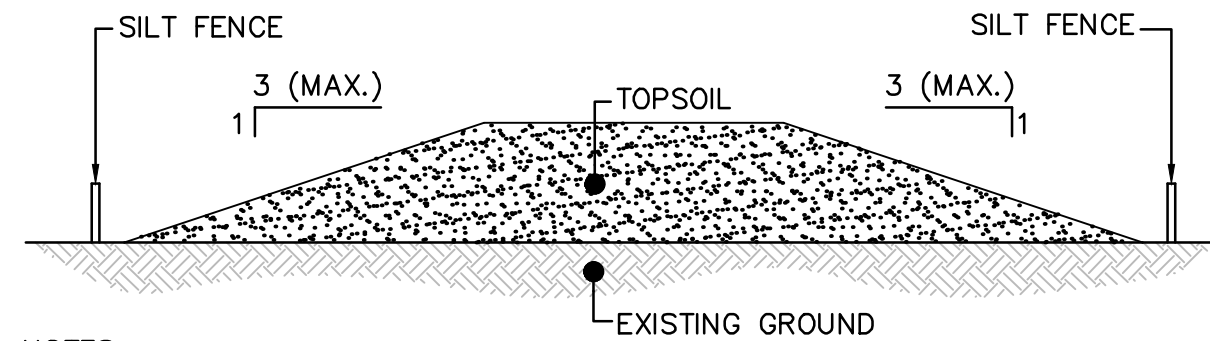
SEDIMENT CONTROL BAG FOR DEWATERING DETAIL

N.T.S.



STABILIZED CONSTRUCTION ENTRANCE DETAIL

N.T.S.

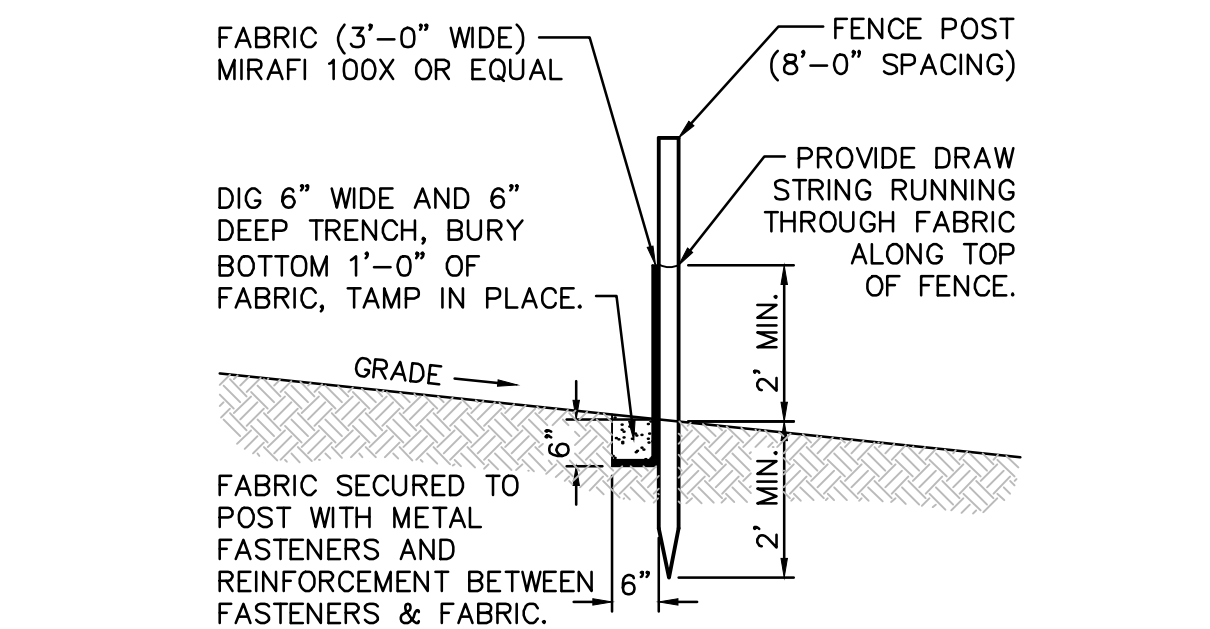


NOTES

- TOPSOIL STOCKPILE SHALL BE SURROUNDED BY SILT FENCE.
- STOCKPILE SHALL RECEIVE TEMPORARY VEGETATIVE STABILIZATION IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY IMMEDIATELY AFTER COMPLETION OF STOCKPILE.
- STOCKPILES ARE NOT TO BE LOCATED WITHIN FIFTY FEET OF A FLOODPLAIN, SLOPES, ROADWAY, OR DRAINAGE FACILITY.

TOPSOIL STOCKPILE DETAIL

N.T.S.



SILT FENCE DETAIL

N.T.S.

12/30/2024	1	INITIAL SUBMISSION	CGK	DJP
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
CANNABIS RETAIL DEVELOPMENT				
BLOCK 5.08, LOTS 6, 14 & 14.01 HADDON TOWNSHIP, CAMDEN COUNTY, NEW JERSEY				
SOIL EROSION & SEDIMENT CONTROL NARRATIVE SHEET				
RBLJ PROPERTY HOLDINGS, LLC				
300 W. BIG BEAVER ROAD TROY, MICHIGAN 48064				
DAVID J. FLEMING, P.E.				
NEW JERSEY LICENSE NO. 246033321600				
12/30/2024				
RBL 001.01				
MARATHON Engineering & Environmental Services Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24GA27995700				
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SCALE: 1" = 20' DRAWN BY: CGK CHECKED BY: DJP DATE: 12/30/24 SHEET: 13 OF 13 DRAWING NO.: C1301				